

TEN-YEAR INDEX

TO

THE AUK

VOLUMES 48-57

1931-1940

PREPARED BY

H. S. SWARTH AND GEORGE WILLETT

EDITED BY

GEORGE WILLETT

PUBLISHED BY THE AMERICAN ORNITHOLOGISTS' UNION
LANCASTER, PA.

1941

2
C
L
1

2
C
L
1

Zool-museum lib.
Amer. Ornithol. Union
4-26-43
45247

INTRODUCTION

Shortly after the death of Harry S. Swarth, in the latter part of 1935, the undersigned was appointed by A. C. Bent, President of the American Ornithologists' Union, as chairman of a committee to prepare a 'Ten-Year Index of The Auk' covering the years 1931 to 1940, inclusive. This appointment was continued up to the present time.

It was found that Mr. Swarth had worked the first four and one-half volumes, 1931 to April, 1934, and entered the various items on cards alphabetically. The same was done with the remaining five and one-half volumes by the chairman. After the completion of this phase of the work, final assembling was done by the chairman and his wife, Mrs. Ora A. Willett, and the typing of the manuscript was done by the former. Mrs. Willett also assisted in reading and correcting the typed manuscript, and in checking all cross-references, which was done from the manuscript itself, rather than from the printer's proof.

The manuscript was then sent to Dr. Herbert Friedmann, who checked the nomenclature of all exotic species, and to Dr. Ernst Mayr, who read all German titles and made necessary corrections therein.

The 'Biographical Index' was also prepared by the chairman, with the assistance of Dr. T. S. Palmer, who furnished much biographical information not to be found in the pages of 'The Auk'. Dr. Palmer also supplied complete names of many authors who were mentioned in 'The Auk' under their initials only. In this connection, the chairman sent cards with return attached to all such authors when a post-office address was available to him. Many names were completed in this manner, although in a few instances, no replies were received.

PLAN OF THE INDEX

The general plan of this Index, like that of former ones, is as follows:

1. **AUTHORS.**—Titles of papers are in chronological order and in condensed form. Reviews and notices are indicated by the abbreviations.

viation '(rev.)' which is used alone when the author is reviewed, and by the additional word 'see' prefacing the paragraph when the author is reviewer.

2. LOCALITIES.—Names of authors in alphabetical order are placed under each locality.

3. CLASSIFIED SUBJECT MATTER.—The subject matter of leading articles and reviews is classified under various titles, such as 'Life Histories,' 'Migration,' 'Song,' etc. In subjects of as great scope as the last two mentioned, however, authors of articles are not listed under the subject heading unless the article is largely or wholly confined to such subject, but in every instance where migration or song of a certain species is referred to, the reference is given under the species itself.

4. GENERA.—Species in alphabetical order are indexed under their respective genera; subspecies or races are, for indexing convenience, treated like species and the middle term of the trinomial is dropped. Under species, the page references are arranged by States and countries in alphabetical order, and, set off by a dash at the end of the localities, are additional categories in which are put references to matters other than distribution. The scientific names adopted for North American birds are those of the A. O. U. 'Check-list' of 1931. Also all foreign birds that are congeneric with North American species are included under the genera found in the 'Check-list,' regardless of foreign usage. The names of other foreign species, as far as covered to date by James L. Peters in his 'Check-list of Birds of the World', follow his treatment. Other exotic names are from various authors, as corrected by Dr. Herbert Friedmann. An asterisk indicates an original description.

5. SYNONYMS OR CROSS-REFERENCES.—Each refers directly to the name with which it is synonymized in this Index, and some are merely cross-references rather than actual synonyms. Vernacular names in modern foreign languages have been discarded, excepting in one or two instances where such names constituted a main theme of an article.

6. KEY LETTERS.—Each name of a species that occurs in the A. O. U. 'Check-list' is followed by the English name given it in that check-list. If any English or vernacular name is used for this species in 'The Auk' without a Latin name, then the key letter 'a' precedes the English name in the Index and this same key letter is added to every reference in which this species is mentioned without

a scientific name. Following the English name is a list of all the Latin synonyms mentioned in 'The Auk', each with its own key letter. Thus under *Turdus*, the species *migratorius* is followed by (^aEastern Robin, Robin, ^b*Planesticus*, ^c*canadensis*). Under this arrangement omission of a key letter in the subjoined references indicates that the species is referred to as *Turdus migratorius*; the key letter 'a' indicates that the species is mentioned by one of the English or vernacular names, without any Latin equivalent; 'b' indicates the combination *Planesticus migratorius*, and 'c' *Turdus canadensis*.

When a specific name has been transferred from a genus with a masculine ending to one with a feminine ending, it has been deemed necessary to index only the form in current use, as in the case of *Colymbus arcticus* which will be found under *Gavia arctica*.

Bold-face type is used for Latin names carrying page references, for subject or locality headings, and for the surnames of individuals (except when the latter appear as subheads under a major reference or as cross-references).

AUTHORS' NAMES

As in previous Indexes every effort has been made to give the complete name of every author mentioned, and whenever possible to add the dates of birth and death of authors who are deceased.

A few persons for various reasons use initials that have no corresponding names. Among those mentioned in 'The Auk' indexes who have initials only are the following:

Arnold, William W.	Doolin, John B.	Reagan, Albert B.
Baerg, William J.	Hanna, G. Dallas	Rogers, Mrs. Walter E.
Batty, Joseph H.	Huff, Ned L.	Stillwell, Jerry E.
Curl, Holton C.	Lewis, Walter E.	Whitehead, Fred E.
Davis, William B.	Paul, Lucius H.	Woods, Robert S.

This Index will be found to have a larger proportion of incomplete names than has been usual in preceding indexes. The main reason for this is an increased number of reviews of papers of foreign authors at a time when correspondence with many foreign nations is difficult or impossible.

ACKNOWLEDGMENTS

In addition to the assistance of Dr. Herbert Friedmann, Dr. Ernst Mayr, Dr. T. S. Palmer, and Mrs. Ora A. Willett, already mentioned, Dr. Glover M. Allen, Dr. Friedmann and Mr. James L.

Peters furnished the scientific names for numerous species, unfamiliar to the chairman, that appeared in 'The Auk' under vernacular names only. Dr. Glover Allen read the proof on the Index until the time of his death, February 14, 1942. Subsequent to that date proofreading was taken over by Rudyerd Boulton, assisted by Dr. Herbert Friedmann. When work of publication was about half concluded, Mr. Boulton was called into government service and, after some delay, the chairman assumed the task of reading the remainder of the proof and seeing the Index through the press. For all the assistance mentioned above, the chairman takes this opportunity to express the thanks and appreciation of the committee and the American Ornithologists' Union.

GEORGE WILLET

Chairman of the Index Committee

Los Angeles, California, March 1, 1943

BIOGRAPHICAL INDEX

THE following Index contains references to the biographical sketches which have been published in the volumes of 'The Auk' from 1931 to 1940, inclusive, and also the names of all members of the American Ornithologists' Union who are known to the Editor to have died during this period. In a few cases references to sketches published after 1940 are included.

Under each name are given six items: (1) reference to the biographical notice; (2) place of birth; (3) date of birth; (4) place of death; (5) date of death; (6) age at death stated in terms of the nearest year.

The Index for 1921 to 1930, pp. ix to xx, contained the names of persons who died during that period but whose deaths were not announced or whose notices were not published until the following decade. Following are 28 such names which appear in both Indexes:

Andrews, C. W.	Eno, H. L.	Nehrling, Henry
Avery, Carlos	Everett, E. A.	*Sears, Ruth W.
Bates, J. M.	Gardner, A. C.	Shea, D. W.
*Bicknell, G. A.	Henshaw, H. W.	Snethlage, Emilie
Brandreth, Franklin	Hine, J. S.	Southard, R. H.
Byrd, Hiram	*Homer, F. L.	Spencer, Thomas
Carpenter, G. I.	Jenks, C. W.	Sturge, Lilian H.
Chamberlain, C. W.	L'Hommedieu, J. F.	Wolstenholme, Harry
Commons, F. W.	McNeil, G. M.	Wayne, A. T.
	Miller, W. deW.	

An asterisk (*) indicates that an announcement of the death of a member has been published in 'The Auk' but without any biographical notice. When the Editor has learned of a notice of such person appearing elsewhere a reference to the article is added.

- | | |
|---|--|
| <p>Abbott, William Louis.....'36, 369-370
Born, Philadelphia, Pa., Feb. 23, 1860.
Died, Northeast, Md., Apr. 2, 1936 (76).</p> <p>*Adams, Benjamin.....'39, 122
Died, Wethersfield, Conn., 1938.</p> <p>Adams, Zabdiel Boylston.....'40, 446
Born, Framingham, Mass., Jan. 25, 1875.
Died, Brookline, Mass., Mar. 16, 1940 (65).</p> <p>Aiken, Charles Edward Howard
'36, 371-372; Condor, '36, 234-235, por.
Born, Benson, Vt., Sept. 7, 1850.
Died, Colorado Springs, Colo., Jan. 15, 1936 (85).</p> <p>*Anderson, Edwin Conrad.....'36, 68
Died, Dell Rapids, S. D., Dec. 26, (?) 1933.</p> <p>*Andrews, Clement Walker....'31, 329; 'Libraries', vol. 36, Jan. 1931, pp. 1-5.
Born, Salem, Mass., Jan. 13, 1858.
Died, Chicago, Ill., Nov. 20, 1930 (73).</p> | <p>Anthony, Alfred Webster.....'40, 148; 41, 439-443, por.
Born, Cayuga Co., N. Y., Dec. 25, 1865.
Died, San Diego, Calif., May 14, 1939 (73).</p> <p>Arribalzaga, Enrique Lynch....'36, 483
Born, Buenos Aires, Argentina, Aug. 26, 1856.
Died, Resistencia, Argentina, June 28, 1935 (79).</p> <p>*Aspinwall, Jeannette Scovill (Mrs. Clarence Akin Aspinwall)... '36, 68
Born, Waterbury, Conn., Dec. 30, 1878.
Died, Washington, D. C., Dec. 24, 1934 (56).</p> <p>*Astley, Arthur.....'37, 125
Died, Ambleside, England, 1936.</p> <p>*Atherton, Edward Herbert.....'36, 68
Died, Jamaica Plain, Mass., Aug., 1935.</p> <p>Atkins, John Wyley.....'33, 153-154
Born, Waverly, Tenn., Dec. 16, 1857.
Died, Homestead, Fla., Dec. 4, 1932 (75).</p> |
|---|--|

- Atkinson, Norman Jefcoate.** '34, 135-136
Born, Rhayader, Wales, Apr. 11, 1902.
Died, Ottawa, Canada, Nov. 1, 1932 (31).
- Attwater, Henry Philemon.** '32, 144-145
Born, London, England, Apr. 28, 1854.
Died, Houston, Tex., Sept. 25, 1931 (77).
- Avery, Carlos.** '31, 322-323
Born, Minooka, Ill., Jan. 25, 1868.
Died, Rockville Center, L. I., N. Y., Oct. 5, 1930 (63).
- *Badé, William Frederic.** '37, 125;
Who's Who in Amer., 1934, 218.
Born, Carver, Minn., Jan. 22, 1871.
Died, Berkeley, Calif., Mar. 4, 1936 (65).
- Baird, David Galbraith.** '35, 492
Born, Hopewell, Md., July 19, 1853.
Died, Beverly, N. J., July 24, 1935 (82).
- Baldwin, Samuel Prentiss**
'39, 210; '40, 1-12, por.
Born, Cleveland, Ohio, Oct. 26, 1868.
Died, Cleveland, Ohio, Dec. 31, 1938 (70).
- *Ball, Edward Matthews.** '37, 125
Born, Loudoun Co., Va., Apr. 18, 1876.
Died, Washington, D. C., Nov. 30, 1935 (60).
- Bangs, Outram.** '33, 265-274, por.
Born, Watertown, Mass., Jan. 12, 1863.
Died, East Wareham, Mass., Sept. 22, 1932 (70).
- *Bates, Emeline Clark.** '37, 125
Died, Chicago, Ill., — 1936.
- *Bates, George Latimer.** '41, 146
Born, near Abingdon, Ill., Mar. 21, 1863.
Died, Chelmsford, England, Jan. 31, 1940 (77).
- Bates, John Mallory.** '31, 162-163
Born, Wallingford, Conn., Jan. 3, 1846.
Died, Hastings, Nebr., May 25, 1930 (84).
- *Belick, Walter.** '36, 68
Died, Edsin-Gol, China, Mar. 25, 1933.
- Benner, Franklin.** '40, 137-138
Born, Astoria, N. Y., Nov. 13, 1853.
Died, Minneapolis, Minn., Apr. 13, 1938 (84).
- *Benners, George Bartleson.** '36, 68
Born, Philadelphia, Pa., Mar. 14, 1870.
Died, Philadelphia, Pa., Dec. 14, 1934 (65).
- Bergtold, William Harry**
'36, 369; '37, 1-11, por.
Born, Buffalo, N. Y., Oct. 28, 1865.
Died, Denver, Colo., Mar. 19, 1936 (70).
- Bicknell, Carrie Elizabeth Fargo (Mrs. Frederick Thompson Bicknell)**
'36, 374
Born, Lake Mills, Wisc., May 17, 1855.
Died, Los Angeles, Calif., June 17, 1934 (79).
- *Bicknell, George Augustus.** '31, 85;
N. Y. Times, Aug. 3, 1926.
Born, Astoria, L. I., N. Y., 1854.
Died, Spring Lake, N. J., Aug. 1, 1926 (72).
- *Biddle, Emily Williams.** '33, 83
Died, Philadelphia, Pa., Dec. 1931.
- *Blaauw, Frans Ernst.** '37, 125
Born, Amsterdam, Holland, Oct. 27, 1860.
Died, Gooilust, Holland, Jan. 17, 1936 (75).
- *Blake, Mrs. Edwin Tyler.** '41, 146
Born, Los Gatos, Calif., Apr. 18, 1882.
Died, Berkeley, Calif., Oct. 6, 1936 (54).
- Boies, Albert Hartson.** '32, 271
Born, Hudson, Mich., Feb. 22, 1844.
Died, Hudson, Mich., Dec. 20, 1930 (87).
- *Bond, Frank.** '41, 146
Born, Johnson Co., Ia., June 30, 1856.
Died, Washington, D. C., July 22, 1940 (84).
- Bonfile, Frederick Gilmer.** '34, 132-133
Born, Troy, Mo., Dec. 31, 1860.
Died, Denver, Colo., Feb. 2, 1933 (72).
- Bowles, John Hooper.** '35, 489-490;
Murrelet, '34, 35-43, por.
Born, Boston, Mass., Mar. 15, 1875.
Died, Tacoma, Wash., Feb. 2, 1934 (59).
- *Bracken, Emily Robinson (Mrs. Henry Martyn Bracken).** '41, 146
Born, Watertown, Mass., Apr. 23, 1855.
Died, Claremont, Calif., Feb. 3, 1940 (85).
- Brand, Albert Rich.** '41, 146, 444-448
Born, New York, N. Y., Oct. 22, 1889.
Died, New York, N. Y., March 28, 1940 (50).

- Brandreth, Franklin**.....'34, 432-433
Born, Ossining, N. Y., July 2, 1849.
Died, Ossining, N. Y., Mar. 25, 1926
(77).
- Bray, Reynold Jocelyn Onslow**
'40, 139-140
Born, Ockham, Surrey, England,
Oct. 5, 1911.
Died, Foxe Basin, Arctic America,
Sept. 14, 1938 (27).
- *Bridge, Edmund N.**.....'33, 83
Born, Roxbury, Mass., Feb. 15, 1843.
Died, West Medford, Mass., Apr. 20,
1931 (88).
- Brown, Edward Johnson**....'34, 565-566
Born, Philadelphia, Pa., Oct. 4, 1866.
Died, Eustis, Fla., Feb. 14, 1934 (67).
- Bull, Charles Livingston**....'32, 392-393
Born, Livonia, N. Y., May 25, 1874.
Died, Oradell, N. J., Mar. 22, 1932
(58).
- *Burgess, Henry Clinton**.....'35, 66
Born, Flint, N. Y., Oct. 7, 1883.
Died, Canandaigua, N. Y., Oct. 22,
1934 (61).
- *Burnett, William Lewis**.....'35, 66
Born, Manito, Ill., Jan. 1, 1870.
Died, Fort Collins, Colo., July 5,
1934 (65).
- Butler, Amos William**.....'37, 573-574
Born, Brookville, Ind., Oct. 1, 1860.
Died, Indianapolis, Ind., Aug. 5,
1937 (77).
- Buturlin, Sergius Alexandrovich**
'38, 585; '39, 122, 502
Born, Montreaux, Switzerland, Sept.
22, 1872.
Died, Moscow, U.S.S.R., Jan. 22,
1938 (65).
- Byrd, Hiram**.....'31, 323
Born, Blackshear, Ga., Aug. 3, 1874.
Died, Detroit, Mich., July 20, 1930
(56).
- Carey, Henry Reginald**....'31, 473-474
Born, Epsom, England, Sept. 12,
1890.
Died, Philadelphia, Pa., May 28,
1931 (41).
- Carpenter, George Irving**.....'31, 474
Born, Stanfordville, N. Y., Apr. 3,
1877.
Died, Brooklyn, N. Y., Jan. 29, 1930
(53).
- Carroll, James Judson**.....'38, 314-315
Born, Caldwell, Tex., 1876.
Died, Houston, Tex., Feb. 17, 1938
(62).
- Chamberlain, Chauncy Ward**
'31, 163-164
Born, Boston, Mass., Dec. 24, 1851.
Died, Boston, Mass., Aug. 6, 1930
(79).
- *Chase, Sidney**.....'33, 83
Born, Nantucket, Mass., 1848.
Died, Nantucket, Mass., March 21,
1932.
- Clarke, William Eagle**.....'38, 585
Born, Leeds, England, Mar. 16, 1853.
Died, Edinburgh, Scotland, May 12,
1938 (85).
- *Clingman, George Franklin**....'35, 66
Born, Chicago, Ill., Aug. 27, 1857.
Died, Chicago, Ill., Feb. 3, 1933 (75).
- *Collin, Albert**.....'37, 125
Died, Turku, Finland, (?) 1935.
- Commons, Frank Watkins**....'31, 474-475
Born, Wyoming, Del., Aug. 1, 1859.
Died, Minneapolis, Minn., Dec. 28,
1930 (71).
- Criddle, Norman**.....'34, 133-134
Born, Addlestone, Surrey, England,
May 14, 1875.
Died, Brandon, Manitoba, May 4,
1933 (58).
- Crosby, Maunsell Schiefflin**....'31, 320-322
Born, New York, N. Y., Feb. 14, 1887.
Died, Rhinebeck, N. Y., Feb. 12,
1931 (44).
- Cross, Albert Ashley**.....'41, 448
Born, Huntington, Mass., Jan. 31,
1877.
Died, Huntington, Mass., Apr. 15,
1940 (63).
- Cutler, Ira Eugene**.....'42, 141;
Who's Who in Amer., 1934, 657.
Born, Putnam, Conn., Oct. 8, 1863.
Died, Denver, Colo., May 25, 1936
(73).
- *Dabbene, Roberto**.....'40, 148
Born, Turin, Italy, Jan. 17, 1864.
Died, Buenos Aires, Argentina, Oct.
20, 1938 (75).
- Dalmas, Raymond, Comte de**....'31, 163
Born, Paris, France, Feb. 5, 1862.
Died, Paris, France, Feb. 4, 1930
(68).
- Danforth, Stuart Taylor**....'39, 304, 362
Born, Jersey City, N. J., Sept. 23,
1900.
Died, West Boylston, Mass., Nov.
25, 1938 (38).
- Davenport, Elizabeth Braxton**....'35, 355
Born, Philadelphia, Pa., Aug. 25,
1845.
Died, Brattleboro, Vt., Aug. 28, 1934
(89).
- *Davis, Henry Wasson**.....'34, 70
Born, Whitehall, N. Y., July 20,
1867.
Died, Atlantic City, N. J., 1932.

- Davis, Reuben Nelson**....'34, 288-289
Born, Lemon, Pa., April 13, 1858.
Died, Dunmore, Pa., Jan. 28, 1934
(76).
- Deane, Ruthven**.....'35, 1-14, por.
Born, Cambridgeport, Mass., Aug.
20, 1851.
Died, Chicago, Ill., March 20, 1934
(83).
- Dickey, Donald Ryder**....'32, 517-518;
Condor, '34, 59-66, por.
Born, Dubuque, Ia., Mar. 31, 1887.
Died, Pasadena, Calif., Apr. 15, 1932
(45).
- Dixon, Frederick J.**.....'33, 153
Born, New York, N. Y., 1859.
Died, Hackensack, N. J., Dec. 16,
1927 (68).
- *Donoho, Murray Thompson**... '36, 68
Born, East New Market, Md., June
19, 1865.
Died, Baltimore, Md., Aug. 29, 1935
(70).
- Durborow, William Joseph**....'32, 521
Born, Manayunk, Pa., Apr. 21, 1872.
Died, Harrisburg, Pa., July 28, 1932
(60).
- Durfee, Owen**.....'34, 287-288
Born, New York, N. Y., Feb. 13,
1863.
Died, Fall River, Mass., Apr. 18,
1933 (70).
- Dybowsky, Benedict Ivanovich**.. '31, 328-
329; Russ. Hydrobiol. Zeitschrift,
6: 121-127, por., 1927.
Born, Minsk Prov., Russia, Apr. 30,
1833.
Died, Lemberg, Poland, Jan. 31,
1930 (97).
- Dybowsky, Jean**.....'31, 327;
Ann. de l'Inst. Nat. Agronomique,
Paris, 22: 27-31, 1929.
Born, Charonne, Seine, France, Apr.
28, 1856.
Died, Mandres, Seine-et-Oise, France,
Dec. 18, 1928 (73).
- Dymond, John, Jr.**.....'33, 260-261
Born, New York, N. Y., 1867.
Died, New Orleans, La., Nov. 12,
1932 (65).
- Eaton, Elon Howard**.....'35, 224
Born, Springville, N. Y., Oct. 8,
1866.
Died, Geneva, N. Y., Mar. 27, 1934
(67).
- Eaton, Warren Francis**....'36, 255-256
Born, Weston, Mass., July 8, 1900.
Died, Montclair, N. J., Feb. 10, 1936
(36).
- *Ehinger, Clyde Ernst**.....'36, 68
Born, Franklin Center, Ia., Mar. 11,
1858.
Died, Keokuk, Ia., Jan. 3, 1935 (77).
- Ellis, Charles William Henry**... '35, 493
Born, Boston, Mass., Feb. 8, 1851.
Died, Washington, D. C., June 11,
1935 (84).
- Eno, Henry Lane**.....'31, 648
Born, New York, N. Y., July 8, 1871.
Died, Somerset, England, Sept. 10,
1928 (57).
- Evans, Victor Justice**.....'31, 326-327
Born, Delaware, Ohio, May 20, 1865.
Died, Washington, D. C., Feb. 1,
1931 (66).
- Everett, Edward Addison**.. '31, 475-476
Born, Arene, Wisc., Feb. 20, 1867.
Died, Waseca, Minn., Nov. 27, 1928
(62).
- Evermann, Barton Warren**.. '33, 465-466
Born, Albia, Iowa, Oct. 24, 1853.
Died, Berkeley, Calif., Sept. 27, 1932
(79).
- *Fisher, Elizabeth Wilson**.....'40, 148
Died, Philadelphia, Pa., Feb., 1939.
- *Fisher, Richard Thornton**.....'35, 67;
Who's Who in Amer., 1934, 860.
Born, Brooklyn, N. Y., Nov. 9, 1876.
Died, Petersham, Mass., June 9,
1934 (58).
- Fleming, James Henry**.. '41, 1-12, por.
Born, Toronto, Ont., July 5, 1872.
Died, Toronto, Ont., June 27, 1940
(68).
- Fordyce, George Lincoln**.. '31, 647-648
Born, Scipio, N. Y., Sept. 29, 1860.
Died, Youngstown, Ohio, June 25,
1931 (71).
- Fox, William Henry**.....'35, 493
Born, Washington, D. C., Nov. 18,
1857.
Died, Washington, D. C., Nov. 3,
1921 (64).
- *Fraser, Donald**.....'34, 70
Died, Johnstown, N. Y., Dec. 4,
1932.
- *Frazier, Joseph Franklin**.....'41, 146
Born, Millersburg, Ohio, Aug. 30,
1866.
Died, Independence, Mo., March 30,
1940 (74).
- Freke, Percy Evans**.....'34, 562-563
Born, Dublin, Ireland, July 12, 1844.
Died, Folkstone, England, Mar. 20,
1931 (87).
- *French, Charles Ephraim**.....'33, 83
Born, Berkeley, Mass., Sept. 4, 1867.
Died, Lowell, Mass., July 7, 1932
(65).

- French, Daniel Chester** . . . '32, 271-272
Born, Exeter, N. H., Apr. 20, 1850.
Died, Stockbridge, Mass., Oct. 7, 1931 (81).
- *Fuguet, Howard** . . . '37, 125
Died, Philadelphia, Pa., March 5, 1936.
- *Gardner, Aston Colbrook** . . . '31, 86
Died, West Worthing, Sussex, England, May 25, 1930.
- *Gaul, Miriam Louise** . . . '36, 69
Died, Chicago, Ill., 1935.
- Gee, Nathaniel Gist** . . . '39, 111
Born, Union, S. C., Apr. 20, 1876.
Died, Greenwood, S. C., Dec. 18, 1937 (62).
- Gillespie, Richard** . . . '34, 567
Born, Ontario Prov., Canada, Sept. 24, 1869.
Died, Bay City, Mich., Mar. 10, 1934 (64).
- Goodson, Arthur Thomas** . . . '32, 273
Born, Tring, England, Sept. 11, 1873.
Died, Tring, England, Oct. 5, 1931 (58).
- Graves, Frances Manwaring Miner (Mrs. Charles Burr Graves)** . . '32, 520
Born, New London, Conn., Oct. 14, 1863.
Died, New London, Conn., April 9, 1932 (68).
- Grinnell, George Bird** . . . '39, 1-12, por.
Born, Brooklyn, N. Y., Sept. 20, 1849.
Died, New York, N. Y., Apr. 11, 1938 (89).
- *Grinnell, Joseph** . . . '39, 363;
Condor, '40, 3-34, por.
Born, Fort Sill, Okla., Feb. 27, 1877.
Died, Berkeley, Calif., May 29, 1939 (62).
- *Hake, Albert Henry** . . . '33, 83
Born, New York, N. Y., Oct. 5, 1909.
Died, Scarsdale, N. Y., July 7, 1932 (23).
- Hallinen, Joseph Edward** . . . '33, 261
Born, Champaign, Ill., Mar. 23, 1859.
Died, Hobart, Okla., Feb. 13, 1932 (73).
- Hambleton, James Chase** . . . '42, 141
Born, Madison Co., Ohio, Nov. 12, 1863.
Died, Columbus, Ohio, July 6, 1938 (75).
- Hand, Henry Walker** . . . '32, 521
Born, 1869.
Died, Cape May, N. J., Sept. 14, 1932 (63).
- Hankinson, Thomas Leroy** . . . '36, 129
Born, Valparaiso, Ind., Apr. 12, 1876.
Died, Ypsilanti, Mich., Dec. 3, 1935 (60).
- Hartert, Ernst Johann Otto** . '34, 283-286;
Ibis, '34, 350-377, por.
Born, Hamburg, Germany, Oct. 29, 1859.
Died, Berlin, Germany, Nov. 11, 1933 (74).
- Hemphill, Ashton Erastus** . '32, 520-521
Born, Acworth, N. H., Sept. 17, 1849.
Died, Holyoke, Mass., May 5, 1932 (83).
- Henshaw, Henry Wetherbee** . . '32, 399-427, por.
Born, Cambridge, Mass., Mar. 3, 1850.
Died, Washington, D. C., Aug. 1, 1930 (80).
- *Herrick, Francis Hobart** . . . '41, 146;
Who's Who in Amer., 1934, 1138.
Born, Woodstock, Vt., Nov. 19, 1858.
Died, Cleveland, Ohio, Sept. 11, 1940 (82).
- *Herrick, Harold** . . . '34, 70;
Who's Who in Amer., 1920, 1316.
Born, New York, N. Y., Nov. 26, 1853.
Died, Lawrence, L. I., N. Y., May 27, 1933 (80).
- *Hill, Mrs. Thomas Roby** . . . '40, 148
Died, Philadelphia, Pa., (?) 1938.
- Hine, James Stewart** . . . '31, 323-325
Born, Wauseon, Ohio, June 13, 1866.
Died, Columbus, Ohio, Dec. 22, 1930 (65).
- Hitchcock, Frank Harris** . . '35, 490-491
Born, Amherst, Ohio, Oct. 5, 1867.
Died, Tucson, Ariz., Aug. 5, 1935 (68).
- Hoffman, Ralph** . . . '32, 518-519
Born, Stockbridge, Mass., Nov. 30, 1870.
Died, San Miguel Island, Calif. July 21, 1932 (62).
- Holland, William Jacob** . . . '33, 260
Born, Bethany, Jamaica, Aug. 16, 1848.
Died, Pittsburgh, Pa., Dec. 13, 1932 (84).
- *Homer, Fred Leroy** . . . '31, 86
Born, New Hamburg, Pa., Oct. 13, 1870.
Died, Pittsburgh, Pa., Sept. 26, 1930 (60).
- Howard, Henry Eliot** . . . '41, 443
Born, Kidderminster, England, Nov. 13, 1873.
Died, Stourport, Worcestershire, England, Dec. 26, 1940 (67).

- *Howell, Arthur Holmes**.....'41, 146;
Journ. Mammalogy, '40, 385-388,
por.
Born, Lake Grove, N. Y., May 3,
1872.
Died, Washington, D. C., July 9,
1940 (68).
- Hoyt, William Henry**.....'37, 234-235
Born, Stamford, Mass., July 24,
1855.
Died, Polatka, Fla., Dec. 6, 1929
(74).
- Hunt, Chreswell John**.....'34, 286-287
Born, Vineland, N. J., Sept. 16, 1880.
Died, Elkhorn, Wisc., Oct. 18, 1933
(53).
- *Hyde, Benjamin Talbot Babbitt**..'35, 67
Died, Santa Fé, N. M., Jan. 27, 1933.
- *James, Norman**.....'40, 148
Born, Catonsville, Md., Sept. 2,
1868.
Died, Baltimore, Md., Jan. 25, 1939
(70).
- Jenks, Charles William**.....'32, 147
Born, Boston, Mass., Oct. 3, 1848.
Died, Bedford, Mass., Dec. 25, 1929
(81).
- Job, Herbert Keightley**....'34, 130-131
Born, Boston, Mass., Nov. 29, 1864.
Died, Delmar, N. Y., June 17, 1933
(69).
- *Johnson, Charles Eugene**.....'37, 125
Born, Oslo, Norway, Apr. 24, 1880.
Died, Syracuse, N. Y., June 6, 1936
(56).
- Johnson, Walter Adams**.....'35, 491
Born, Galesburg, Ill., Sept. 2, 1878.
Died, Chestertown, Md., June 29,
1935 (57).
- *Jordan, David Starr**.....'32, 70;
Who's Who in Amer., 1928, 1169.
Born, Gainesville, N. Y., Jan. 19,
1851.
Died, Palo Alto, Calif., Sept. 19,
1931 (81).
- Jourdain, Francis Charles Robert**, '40, 445
Born, Ashbourne-cum-Mapleton,
England, Mar. 4, 1865.
Died, Southbourne, England, Feb.
27, 1940 (75).
- *Jump, Alice Oldfield (Mrs. Edwin
Robert Jump)**.....'32, 70
Died, Newton, Mass., 1931.
- Kelso, John Edward Harry**....'33, 154
Born, Fort Bellary, Madras, India,
May 21, 1860.
Died, Braeside, Edgewood, B. C.,
Aug. 5, 1932 (72).
- Kennard, Frederic Hedge**..'37, 341-348
Born, Brookline, Mass., Nov. 19,
1865.
Died, Newton Centre, Mass., Feb.
24, 1937 (71).
- *Kent, Edward Gruett**.....'41, 147
Born, Newark, N. J., Aug. 26, 1874.
Died, Madison, N. J., Mar. 25, 1940
(66).
- *Kent, Edwin Clark**.....'39, 122
Born, Fishkill Landing (now Bea-
con), N. Y., 1856.
Died, New York, N. Y., July 11,
1938 (82).
- *Keyes, Mrs. Charles Frederick**..'34, 70
Born, Ithaca, N. Y., Sept. 20, 1871.
Died, Minneapolis, Minn., May 25,
1933 (62).
- Kidder, Nathaniel Thayer**.....'38, 700
Born, Boston, Mass., Oct. 29, 1860.
Died, Boston, Mass., July 13, 1938
(78).
- *Knickerbocker, Charles Kennedy**
.....'41, 147
Born, Chicago, Ill., Apr. 28, 1874.
Died, Chicago, Ill., Jan. 8, 1940
(66).
- *Kuser, Susie Dryden (Mrs. Anthony
Rudolph Kuser)**.....'34, 70
Born, 1870.
Died, Rome, Italy, Mar. 10, 1932.
- *Laing, Mary Elizabeth**.....'33, 83
Born, North Hebron, N. Y.
Died, England, Nov. 1, 1931.
- *Lambrecht, Kalmán**.....'37, 125;
Ibis, '36, 609-610.
Born, Pancsova, Hungary, May 1,
1889.
Died, Budapest, Hungary, Jan. 6,
1936 (47).
- Langdon, Frank Warren**.....'34, 132
Born, Cincinnati, Ohio, Dec. 16,
1852.
Died, Cincinnati, Ohio, June 9, 1933
(80).
- Langelier, Gustave Adolphe**, '41, 147, 449
Born, Quebec, Quebec, Oct. 8, 1873.
Died, Sainte-Foy, Quebec, Apr. 23,
1940 (67).
- La Touche, John David Dignes**
.....'36, 370-371
Born, Tours, France, June 5, 1861.
Died at sea, May 6, 1935 (74).
- Lavauden, Louis**.....'36, 483
Born, Grenoble, France, June 19,
1881.
Died, Anjou, Isère, France, Sept. 1,
1935 (54).
- Law, John Eugene**.....'32, 268-269;
Condor, '32, 165-173, por.

- Born, Forest City, Ia., Aug. 26, 1877.
Died, Glendale, Calif., Nov. 14, 1931 (54).
- *Lemon, Frank Edward**.....'36, 69
Born, Blackheath, Kent, England,
Sept. 10, 1859.
Died, Reigate (?), England, Apr. 22,
1935 (76).
- L'Hommedieu, James Frank**, '31, 164-165
Born, Norwalk, Conn., June 28,
1878.
Died, Indian Springs, Ga., Sept. 14,
1930 (52).
- *Little, Effie Kearney (Mrs. Lewis Gar-
rish Little)**.....'36, 69
Born, New Monce (?), Ill., 1866 (?).
Died, Lowell, Ind., Jan., 1935.
- Lyon, William Isaac**.....'39, 210-211
Born, Waukegan, Ill., Aug. 19, 1874.
Died, Waukegan, Ill., June 13, 1938
(64).
- MacCracken, Walter Harrington**, '40, 446
Born, Albion, N. Y., Jan. 29, 1870.
Died, Detroit, Mich., Mar. 3, 1940
(70).
- MacGillivray, William David Kerr**
'34, 563-564
Born, Kallara Station, New South
Wales, Nov. 27, 1867.
Died, Broken Hill, New South
Wales, June 25, 1933 (66).
- *Mailliard, John Ward**.....'37, 125;
Condor, '28, 286.
Born, Bordentown, N. J., Jan. 25,
1862.
Died, San Francisco, Calif., Jan. 9,
1936 (74).
- *Maresi, Pompeo Margherita**... '41, 147
Born, Brooklyn, N. Y., Aug. 20,
1888.
Died, Scarsdale, N. Y., Aug. 12,
1940 (52).
- Mathews, Ferdinand Schuyler**... '40, 138
Born, New Brighton, N. Y., May 30,
1854.
Died, Plymouth, N. H., Aug. 20,
1938 (84).
- *McAdams, Clark**.....'37, 125;
Who's Who in Amer., 1934, 1583.
Born, Jersey Co., Ill., Jan. 29, 1874.
Died, St. Louis, Mo., Nov. 29, 1935
(62).
- McClintock, Norman**.....'38, 585
Born, Pittsburgh, Pa., June 13, 1868.
Died, Orlando, Fla., Feb. 26, 1938
(70).
- McGregor, Richard Crittenden**
'38, 163-175, por.
Born, Sydney, Australia, Feb. 24,
1871.
- Died, Manila, P. I., Dec. 30, 1936
(66).
- McNeil, George Martyn**....'32, 147-148
Born, Winthrop, Mass., Dec. 23,
1891.
Died, Grand Rapids, Mich., Aug. 26,
1930 (39).
- *Menegaux, Henri Auguste**....'39, 122;
Ibis, '39, 162-163.
Born, Audincourt, France, May 17,
1857.
Died, Paris, France, July 15, 1937
(80).
- *Menzbier, Michael Alexandrovich**
'37, 125; Ibis, '36, 204.
Born, Russia, Oct. 12, 1855.
Died, Moscow, U.S.S.R., Oct. 10,
1935 (80).
- *Merriman, Robert Owen**.....'35, 67
Born, Hamilton, Ont., Dec. 21, 1895.
Died, Kingston, Ont., Oct. 12, 1934
(39).
- *Metzger, Charles Thomas**.....'35, 67
Born, Philadelphia, Pa., Nov. 29,
1866.
Died, Chicago, Ill., 1934.
- Millais, John Guille**.....'31, 472-473
Born, London, England, Mar. 24,
1865.
Died, Horsham, England, Mar. 24,
1931 (66).
- Miller, Waldron DeWitt**....'32, 1-8, por.
Born, Brooklyn, N. Y., Feb. 4, 1879.
Died, New Brunswick, N. J., Aug.
7, 1929 (51).
- *Moore, Nettie Louise Purdy**....'32, 70
Born, Plymouth, Mich., May 14,
1868.
Died, Detroit, Mich., July 3, 1931
(63).
- Morcom, George Frean**....'32, 519-520;
Condor, '34, 16-24, por.
Born, Aberystwith, Wales, Mar. 16,
1845.
Died, Los Angeles, Calif., Mar. 25,
1932 (87).
- Morse, Albert Pitts**.....'36, 372-373
Born, Sherborn, Mass., Feb. 10,
1863.
Died, Wellesley, Mass., Apr. 29,
1936 (73).
- *Myers, Ord**.....'34, 70
Died, Dayton, Ohio, Jan. 11, 1933.
- Neely, James Columbus**.....'39, 363
Born, Memphis, Tenn., Mar. 12,
1867.
Died, Brookline, Mass., Mar. 1,
1939 (72).
- Nehrling, Henry**.....'32, 153-158, por.
Born, Herman, Wisc., May 9, 1853.

- Died, Gotha, Fla., Nov. 22, 1929 (77).
- Nelson, Edward William** '35, 135-148, por.
Born, Amoskeag, N. H., May 8, 1855.
Died, Washington, D. C., May 19, 1934 (79).
- Nichols, Rodman Armitage** '40, 599
Born, Salem, Mass., Mar. 12, 1884.
Died, Salem, Mass., May 27, 1940 (56).
- Noble, Gladwin Kingsley** '41, 450-451
Born, Yonkers, N. Y., Sept. 20, 1894.
Died, New York, N. Y., Dec. 9, 1940 (46).
- Norris, Joseph Parker** '31, 329-330
Born, Philadelphia, Pa., Feb. 9, 1871.
Died, Philadelphia, Pa., Jan. 18, 1931 (60).
- *Oastler, Frank Richard** '37, 126
Born, New York, N. Y., July 19, 1871.
Died, Glacier Nat. Park, Mont., Aug. 2, 1936 (65).
- O'Connor, John Christopher** '34, 135
Born, Brooklyn, N. Y., Aug. 20, 1847.
Died, New York, N. Y., Mar. 4, 1933 (86).
- *Osborne, Arthur Augustus** '36, 69
Born, Peabody, Mass., July 29, 1881.
Died, Peabody, Mass., Apr. 24, 1935 (54).
- Osler, Henry Smith** '36, 128-129
Born, Toronto, Ont., Nov. 8, 1862.
Died, Montreal, P. Q., Dec. 8, 1933 (71).
- *Palen, Frederick Pomeroy** '35, 67;
Who's Who in Amer., 1928, 1616.
Born, Jenningsville, Pa., Apr. 20, 1872.
Died, New York, N. Y., Dec. 2, 1933 (62).
- Parker, Herbert** '39, 362-363
Born, Charlestown, Mass., Mar. 2, 1856.
Died, Lancaster, Mass., Feb. 11, 1939 (83).
- Peabody, Putnam Burton** '39, 503
Born, Alden, Wisc., July 28, 1856.
Died, Topeka, Kans., Oct. 8, 1937 (81).
- Penard, Thomas Edward** '37, 232-234
Born, Paramaribo, Surinam, May 7, 1878.
Died, Cambridge, Mass., Oct. 27, 1936 (58).
- Pennock, Charles John** '35, 488
Born, Kennett Square, Pa., Nov. 18, 1857.
Died, Kennett Square, Pa., Aug. 20, 1935 (78).
- *Perkins, George Henry** '34, 70;
Who's Who in Amer., 1928, 1655.
Born, Cambridge, Mass., Sept. 25, 1844.
Died, Burlington, Vt., Sept. 12, 1933 (89).
- Phillips, Alexander Hamilton** '42, 140;
Who's Who in Amer., 1934, 1890.
Born, Lawrenceville, N. J., May 15, 1866.
Died, Princeton, N. J., Mar., 1939 (73).
- Phillips, John Charles** '39, 221-226, por.
Born, Boston, Mass., Nov. 5, 1876.
Died, southern N. H., Nov. 14, 1938 (62).
- Platt, Edmund** '40, 139
Born, Poughkeepsie, N. Y., Feb. 2, 1865.
Died, Chazy, N. Y., Aug. 27, 1939 (75).
- Popenoe, Charles Holcomb** '37, 573
Born, Manhattan, Kans., June 7, 1884.
Died, Silver Spring, Md., Nov. 17, 1933 (49).
- *Praeger, William Emilius** '40, 148
Born, Belfast, Ireland, Sept. 10, 1863.
Died, Michillinda, Mich., Aug. 13, 1936 (73).
- Pratt, George Dupont** '35, 493
Born, Brooklyn, N. Y., Aug. 16, 1869.
Died, Glen Cove, L. I., N. Y., Jan. 20, 1935 (65).
- *Ribeiro, Alipio de Miranda** '41, 146
Born, Rio Preto, Minas Geraes, Brazil, Feb. 21, 1874.
Died, Rio de Janeiro, Brazil, Jan. 8, 1939 (65).
- Rice, James Henry, Jr.** '40, 148; '41, 451-452
Born, Abbeville Co., S. C., July 2, 1868.
Died, Wiggins, S. C., Mar. 23, 1935 (67).
- Richardson, William Derrick** '39, 503
Born, Jackson, Mich., Nov. 24, 1876.
Died, Chicago, Ill., Jan. 14, 1936 (59).
- Richmond, Charles Wallace** '33, 1-22, por.
Born, Kenosha, Wisc., Dec. 31, 1868.
Died, Washington, D. C., May 19, 1932 (63).

- Rives**, William Cabell, 3rd. '39, 502-503
Born, Paris, France, Jan. 10, 1850.
Died, Washington, D. C., Dec. 17, 1938 (89).
- *Robinson**, Anthony Wayne... '41, 147
Born, Philadelphia, Pa., June 12, 1861.
Died, Haverford, Pa., Nov. 30, 1939 (78).
- *Rollins**, Harry Leighton... '34, 70
Born, Chelsea, Mass., Nov. 13, 1861.
Died, Wellesley, Mass., Mar. 27, 1933 (71).
- Rothschild**, Lord Lionel Walter... '38, 162;
Ibis, '38, 111-118, por.
Born, London, England, Feb. 8, 1868.
Died, Tring, England, Aug. 27, 1937 (70).
- Rumsey**, Mary Harriman (Mrs. Charles Carey Rumsey)... '42, 142;
Nat. Cyclop. Amer. Biog., 25: 27, por., 1936.
Born, New York, N. Y., Nov. 17, 1881.
Died, Washington, D. C., Dec. 18, 1934 (53).
- Savary**, Walter Burgess... '36, 257-258
Born, New York, N. Y., Jan. 28, 1855.
Died, North Plainfield, N. J., Jan. 7, 1936 (81).
- *Schell**, John Willis... '33, 83
Born, Halifax, Pa., Apr. 3, 1863.
Died, Philadelphia, Pa., Oct. 5, 1931 (69).
- *Schmid**, Edward Sidney... '40, 148
Born, Hastings on Hudson, N. Y., May 30, 1856.
Died, Washington, D. C., Mar. 12, 1939 (83).
- *Schonnegel**, Julian Eliot... '37, 126
Died, New York, N. Y., 1936.
- *Sears**, Annie Lyman... '33, 83
Born, Boston, Mass.
Died, England, 1932.
- *Sears**, Ruth Williams (Mrs. George Gray Sears)... '31, 86
Born, West Roxbury, Mass., Apr. 18, 1876.
Died, Boston, Mass., Oct. 19, 1929 (54).
- Shea**, Daniel William... '31, 648
Born, Portsmouth, N. H., Nov. 27, 1859.
Died, Greenland, N. H., Oct. 17, 1930 (71).
- *Sherrill**, William Enos... '40, 148
Born, Leake Co., Miss., Aug. 29, 1868.
Died, Haskell, Tex., Mar. 9, 1938 (70).
- Shufeldt**, Robert Wilson... '34, 282-283;
'35, 359-361, por.
Born, New York, N. Y., Dec. 1, 1850.
Died, Washington, D. C., Jan. 21, 1934 (83).
- Simons**, Joseph... '39, 503-504
Born, Bristol, England, June 29, 1866.
Died, Chicago, Ill., Apr. 29, 1935 (69).
- *Smith**, Jesse Lowe... '35, 67
Born, Macon, Ill., Nov. 23, 1869.
Died, Highland Park, Ill., Apr. 21, 1934 (64).
- Snethlage**, Emilie... '31, 161-162
Born, Kraats, Brandenburg, Germany, Apr. 13, 1868.
Died, Porto Velho, Brazil, Nov. 25, 1929 (62).
- Snyder**, Will Edwin... '38, 700
Born, Beaver Dam, Wisc., Oct. 29, 1873.
Died, Beaver Dam, Wisc., Nov. 10, 1937 (64).
- Southard**, Robert Hamilton, '31, 325-326
Born, Newton, N. J., Jan. 26, 1878.
Died, Newark, N. J., Aug. 5, 1928 (51).
- *Spear**, James, Jr... '36, 69
Died, Philadelphia, Pa., 1934.
- Spencer**, Thomas... '35, 131
Born, Birmingham, England, Nov. 20, 1878.
Died, Tobago, B. W. I., Feb. 11, 1930 (51).
- *Sprague**, Isaac... '35, 67
Born, Cambridge, Mass., July 16, 1859.
Died, Wellesley Hills, Mass., Jan. 9, 1934 (74).
- Stanley**, Arthur Camp... '40, 599
Born, Milwaukee, Wisc., Oct. 18, 1883.
Died, Washington, D. C., Apr. 30, 1940 (57).
- *Steinbacher**, Friedrich... '39, 122
Born, Berlin, Germany, June 4, 1877.
Died, Berlin-Friedrichshagen, Germany, Feb. 15, 1938 (61).
- Stephens**, Frank... '38, 313-314;
Condor, '38, 101-110, por.
Born, Livingston Co., N. Y., Apr. 2, 1849.
Died, San Diego, Calif., Oct. 5, 1937 (89).
- Stephenson**, Louise McGowan
'40, 446-448
Born, Orangeville, Mich., 1848.
Died, Helena, Ark., Aug. 1, 1916 (68).

- *Stickney, Gardner Perry**.....'36, 69
Born, Groveland, Mass., Nov. 9, 1862.
Died, Milwaukee, Wisc., Feb. 25, 1935 (72).
- Stiles, Edgar Crane**.....'34, 136
Born, Hartford, Conn., Oct. 7, 1863.
Died, New Haven, Conn., Aug. 29, 1933 (70).
- Stolzmann, Jean Stanislas**.. '32, 145-146
Born, Warsaw, Poland, Nov. 19, 1854.
Died, Warsaw, Poland, Apr. 29, 1928 (73).
- *Stone, Mrs. Witmer**.....'41, 146
Born, Altoona, Pa., Apr. 30, 1872.
Died, Philadelphia, Pa., Aug. 3, 1940 (68).
- Stone, Witmer**, '39, 363; '41, 299-313, por.
Born, Philadelphia, Pa., Sept. 22, 1866.
Died, Philadelphia, Pa., May 23, 1939 (73).
- Strecker, John Kern**.....'35, 491
Born, Waterloo, Ill., July 10, 1875.
Died, Waco, Tex., Jan. 9, 1933 (57).
- Stubbs, Arthur Percival**.....'34, 566
Born, Winterport, Me., Dec. 23, 1865.
Died, Lynn, Mass., July 19, 1932 (67).
- Sturge, Lilian Heaven (Mrs. Edgar Sturge)**.....'32, 148
Born, Portishead, England, 1876.
Died, Scranton, Pa., Nov. 24, 1930 (54).
- Sugden, John William, Sr.**.....'40, 448
Born, Doncaster, Yorkshire, England, Mar. 26, 1867.
Died, Salt Lake City, Utah, Aug. 16, 1935 (68).
- Swarth, Harry Schelwald**
'37, 127-134, por.
Born, Chicago, Ill., Jan. 26, 1878.
Died, Berkeley, Calif., Oct. 22, 1935 (58).
- *Swynnerton, Charles Francis Massy**
'39, 122; Ibis, '39, 164.
Born, Folkstone, England, Dec. 3, 1877.
Died, Tanganyika Terr., E. Africa, Jan. (?), 1938 (60).
- Thayer, John Eliot**.....'34, 46-51
Born, Boston, Mass., Apr. 3, 1862.
Died, Lancaster, Mass., July 22, 1933 (71).
- Thienemann, Johannes**.....'40, 445
Born, Thuringia, Germany, Nov. 12, 1863.
Died, Rossitten, Germany, Apr. 13, 1938 (74).
- *Thorne, Mrs. William van Schoonhoven**
'40, 148
Died, New York, N. Y., Dec. 27, 1937.
- Tillisch, Mary Agnes**.....'38, 315
Died, Minneapolis, Minn., Oct. 6, 1934 (65).
- Towne, Solon Rodney**.....'33, 154-155
Born, Stowe, Vt., Dec. 20, 1846.
Died, Omaha, Nebr., Jan. 27, 1932 (85).
- Townsend, Charles Wendell**
'35, 227-232, por.
Born, Boston, Mass., Nov. 10, 1859.
Died, Boston, Mass., Apr. 3, 1934 (74).
- Trotter, Spencer**.....'31, 471-472
Born, Philadelphia, Pa., Feb. 8, 1860.
Died, West Chester, Pa., Apr. 11, 1931 (71).
- *Trotter, William Henry**.....'36, 69
Died, Philadelphia, Pa., Nov. 8, 1933.
- *Trouslet, Rollin Burdette**....'40, 149
Born, Sandwich, Ill., May 28, 1861.
Died, Walnut Creek, Calif., about April, 1939 (78).
- Trumbull, Gordon**.....'40, 597-598
Born, Stonington, Conn., May 5, 1841.
Died, Hartford, Conn., Dec. 28, 1903 (63).
- Underdown, Charles Eliot**.. '32, 272-273
Born, Philadelphia, Pa., Oct. 21, 1907.
Died, Harvey, Ill., Feb. 21, 1932 (24).
- Urner, Charles Anderson**.. '38, 700-701
Born, Elizabeth, N. J., Mar. 29, 1882.
Died, Elizabeth, N. J., June 22, 1938 (56).
- Van Oort, Eduard Daniel**.....'34, 562
Born, Barneveld, Holland, Oct. 31, 1876.
Died, Leiden, Holland, Sept. 21, 1933 (57).
- Von Madarász, Julius**.....'32, 269-271
Born, Budapest, Hungary, May 3, 1858.
Died, Budapest, Hungary, Dec. 29, 1931 (74).
- *Von Schauburg, Baron Rene Charles Eduard George Jean Snoukaert**
'37, 125
Born, The Hague, Holland, Mar. 10, 1857.

- Died, Territet, Switzerland, Aug. 20, 1936 (79).
- Von Seilern-Aspang**, Count Josef
'40, 448-449
Born, Nov. 25, 1884.
Died, Lukov, Moravia, Aug. 18, 1939 (55).
- Wayne**, Arthur Trezevant, '31, 1-16, por.
Born, Blackville, S. C., Jan. 1, 1863.
Died, Mount Pleasant, S. C., May 5, 1930 (67).
- Webster**, May Rogers (Mrs. Laurence J. Webster).....'38, 314
Born, Scituate, Mass.
Died, Boston, Mass., Jan. 7, 1938.
- Welter**, Wilfred August.....'40, 448
Born, Creighton, Nebr., Mar. 29, 1906.
Died, Kankakee, Ind., Dec. 20, 1939 (34).
- Weston**, Alfred Crowell.....'34, 567
Born, Boston, Mass., Oct. 24, 1892.
Died, Princeton, Mass., Nov. 11, 1933 (41).
- *Westover**, Myron Fayette.....'34, 70;
Who's Who in Amer., 1928, 2191.
Born, Vinton, Ia., July 10, 1860.
Died, Schenectady, N. Y., Oct. 21, 1933 (73).
- *White**, George Whitney.....'39, 123;
Who's Who in Amer., 1934, 2509.
Born, Washington, D. C., Feb. 11, 1870.
Died, Washington, D. C., Oct. 27, 1938 (69).
- Widmann**, Otto, '34, 130; St. Louis Bird Club Bull. 3: no. 1, por. (no date).
Born, Karlsruhe, Germany, June 15, 1841.
Died, St. Louis, Mo., Nov. 26, 1933 (92).
- Williams**, Robert White.....'41, 135
Born, East Carrol Parish, La., Dec. 5, 1877.
Died, Washington, D. C., Sept. 19, 1940 (63).
- Williamson**, Edward Bruce.....'34, 134
Born, Marion, Ind., July 10, 1877.
Died, Ann Arbor, Mich., Feb. 18, 1933 (56).
- Wilson**, Etta Smith (Mrs. Wesley T. Wilson).....'36, 373-374
Born, Northport, Mich., July 16, 1857.
Died, Detroit, Mich., Jan. 5, 1936 (78).
- Wolcott**, Robert Henry.....'35, 130-131;
Wilson Bull., '35, 45-49, por.
Born, Alton, Ill., Oct. 11, 1868.
Died, Lincoln, Nebr., Jan. 23, 1934 (65).
- Wolstenholme**, Harry.....'31, 326
Born, Maitland, N. S. W., Australia, 1868.
Died, Sydney, Australia, Oct. 14, 1930 (62).
- Woodward**, Lemuel Fox....'34, 131-132
Born, Worcester, Mass., Apr. 26, 1857.
Died, Worcester, Mass., Nov. 12, 1931 (75).
- *Wright**, Frank Smith.....'40, 149
Born, Auburn, N. Y., Feb. 23, 1858.
Died, Auburn, N. Y., Dec. 9, 1938 (81).
- Wright**, George Melendez... '36, 256-257;
Condor, '35, 218, por.
Born, San Francisco, Calif., June 20, 1904.
Died, Deming, N. M., Feb. 25, 1936 (32).
- Wright**, Mabel Osgood....'34, 564-565
Born, New York, N. Y., Jan. 26, 1859.
Died, Fairfield, Conn., July 16, 1934 (75).



ABBREVIATIONS

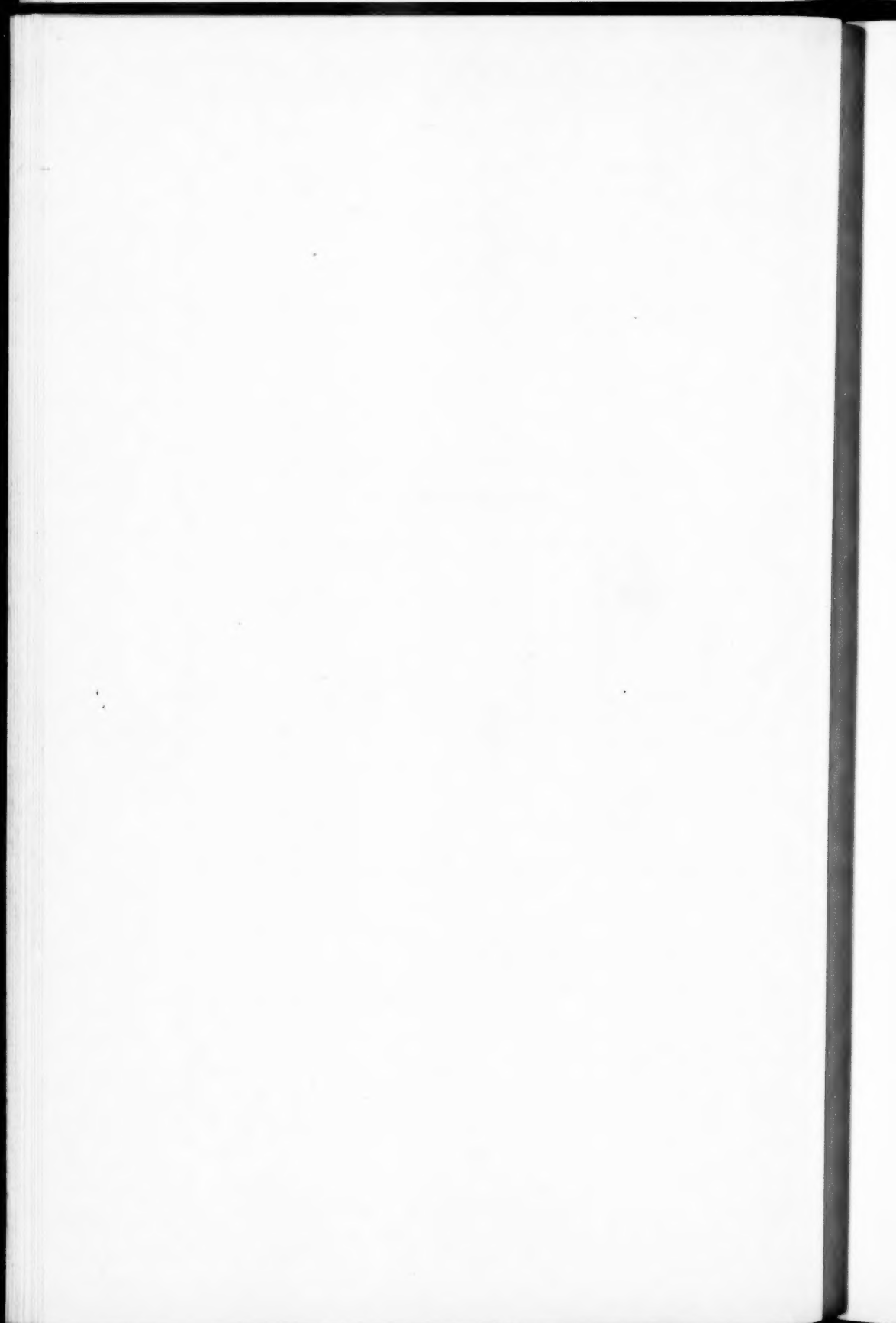
An asterisk (*) denotes an original description.

<i>Afr.</i>	Africa.	<i>fig.</i>	figure.
<i>Ala.</i>	Alabama.	<i>Finl.</i>	Finland.
<i>Alas.</i>	Alaska.	<i>fledg.</i>	fledging.
<i>Alta.</i>	Alberta.	<i>Fla.</i>	Florida.
<i>alb.</i>	albino.	<i>fd.</i>	food.
<i>Am.</i>	America.	<i>fos.</i>	fossil.
<i>anat.</i>	anatomy.	<i>Fr.</i>	France.
<i>Argent.</i>	Argentine.	<i>Galap. Is.</i>	Galapagos Islands.
<i>Aris.</i>	Arizona.	<i>g. dist.</i>	geographic distribution.
<i>Ark.</i>	Arkansas.	<i>Ga.</i>	Georgia.
<i>avic.</i>	aviculture.	<i>Germ.</i>	Germany.
<i>Baf. I.</i>	Baffin Island.	<i>G. Br.</i>	Great Britain.
<i>Bah. I.</i>	Bahama Islands.	<i>Greenl.</i>	Greenland.
<i>band.</i>	banding.	<i>Guat.</i>	Guatemala.
<i>behav.</i>	behavior.	<i>hbt.</i>	habits.
<i>bibl.</i>	bibliography.	<i>H. I.</i>	Hawaiian Islands.
<i>biol.</i>	biology.	<i>Helg.</i>	Heligoland.
<i>Bol.</i>	Bolivia.	<i>hist.</i>	historical.
<i>Braz.</i>	Brazil.	<i>Holl.</i>	Holland.
<i>B. C.</i>	British Columbia.	<i>Hond.</i>	Honduras.
<i>Br.</i>	Britain, British.	<i>Hud. B.</i>	Hudson Bay.
<i>Bull.</i>	Bulletin.	<i>hyb.</i>	hybrid.
<i>Calif.</i>	California.	<i>Ice.</i>	Iceland.
<i>Can.</i>	Canada.	<i>Ida.</i>	Idaho.
<i>C. Z.</i>	Canal Zone.	<i>Ill.</i>	Illinois.
<i>cat.</i>	catalogue.	<i>incub.</i>	incubation.
<i>charac.</i>	characters.	<i>Ind.</i>	Indiana.
<i>coll.</i>	collection.	<i>intro.</i>	introduced.
<i>Colom.</i>	Colombia.	<i>Ia.</i>	Iowa.
<i>Colo.</i>	Colorado.	<i>Irel.</i>	Ireland.
<i>col. pl.</i>	colored plate.	<i>I. or Id.</i>	Island.
<i>Conn.</i>	Connecticut.	<i>Is.</i>	Islands.
<i>conserv.</i>	conservation.	<i>Jam.</i>	Jamaica.
<i>corr.</i>	correction.	<i>Jap.</i>	Japan.
<i>C. R.</i>	Costa Rica.	<i>Kamt.</i>	Kamtschatka.
<i>Co.</i>	County.	<i>Kans.</i>	Kansas.
<i>Del.</i>	Delaware.	<i>Ky.</i>	Kentucky.
<i>Den.</i>	Denmark.	<i>Labr.</i>	Labrador.
<i>descr.</i>	description.	<i>life hist.</i>	life history.
<i>destr.</i>	destruction.	<i>La.</i>	Louisiana.
<i>dichro.</i>	dichromatism.	<i>L. C.</i>	Lower California.
<i>dist.</i>	distribution.	<i>Mack.</i>	Mackenzie.
<i>D. C.</i>	District of Columbia.	<i>Mad.</i>	Madagascar.
<i>Dom. Rep.</i>	Dominican Republic.	<i>Me.</i>	Maine.
<i>E.</i>	East.	<i>Man.</i>	Manitoba.
<i>ecol.</i>	ecology.	<i>Md.</i>	Maryland.
<i>Ecuad.</i>	Ecuador.	<i>Mass.</i>	Massachusetts.
<i>Engl.</i>	England.	<i>meas.</i>	measurements.
<i>err.</i>	error.	<i>melan.</i>	melanism.
<i>evol.</i>	evolution.	<i>Mex.</i>	Mexico.

<i>Mich.</i>	Michigan.	<i>Proc.</i>	Proceedings.
<i>mig.</i>	migration.	<i>protec.</i>	protection.
<i>Minn.</i>	Minnesota.	<i>pter.</i>	pterylosis.
<i>misc.</i>	miscellaneous.	<i>Que.</i>	Quebec.
<i>Miss.</i>	Mississippi.	<i>rev.</i>	review.
<i>Mo.</i>	Missouri.	<i>revis.</i>	revision.
<i>mon.</i>	monograph.	<i>R. I.</i>	Rhode Island.
<i>Mont.</i>	Montana.	<i>Russ.</i>	Russia.
<i>mli.</i>	moult.	<i>Sal.</i>	Salvador.
<i>Mts.</i>	Mountains.	<i>Sask.</i>	Saskatchewan.
<i>myol.</i>	myology.	<i>Scotl.</i>	Scotland.
<i>Nebr.</i>	Nebraska.	<i>Sib.</i>	Siberia.
<i>Nev.</i>	Nevada.	<i>S.</i>	South.
<i>N. B.</i>	New Brunswick.	<i>S. Am.</i>	South America.
<i>N. E.</i>	New England.	<i>S. C.</i>	South Carolina.
<i>N. F.</i>	Newfoundland.	<i>S. D.</i>	South Dakota.
<i>N. H.</i>	New Hampshire.	<i>Swed.</i>	Sweden.
<i>N. J.</i>	New Jersey.	<i>Swits.</i>	Switzerland.
<i>N. M.</i>	New Mexico.	<i>syn.</i>	synonymy.
<i>N. Y.</i>	New York.	<i>syst.</i>	systematics.
<i>N. Z.</i>	New Zealand.	<i>tax.</i>	taxonomy.
<i>Nic.</i>	Nicaragua.	<i>temp.</i>	temperature.
<i>nomen.</i>	nomenclature.	<i>Tenn.</i>	Tennessee.
<i>N.</i>	North.	<i>ter.</i>	territory.
<i>N. C.</i>	North Carolina.	<i>Tex.</i>	Texas.
<i>N. D.</i>	North Dakota.	<i>Trin.</i>	Trinidad.
<i>Nor.</i>	Norway.	<i>Turk.</i>	Turkey.
<i>N. S.</i>	Nova Scotia.	<i>type loc.</i>	type locality.
<i>O.</i>	Ohio.	<i>Ung.</i>	Ungava.
<i>Okla.</i>	Oklahoma.	<i>U. S.</i>	United States.
<i>Ont.</i>	Ontario.	<i>Urug.</i>	Uruguay.
<i>Ore.</i>	Oregon.	<i>Venez.</i>	Venezuela.
<i>ost.</i>	osteology.	<i>Vt.</i>	Vermont.
<i>Pan.</i>	Panama.	<i>V. I.</i>	Virgin Islands.
<i>Parag.</i>	Paraguay.	<i>Va.</i>	Virginia.
<i>paras.</i>	parasites.	<i>vol.</i>	volume.
<i>pt.</i>	part.	<i>Wash.</i>	Washington.
<i>P. I.</i>	Philippine Islands.	<i>wt.</i>	weight.
<i>physiol.</i>	physiology.	<i>W.</i>	West.
<i>pigm.</i>	pigmentation.	<i>W. I.</i>	West Indies.
<i>pl.</i>	plate.	<i>W. Va.</i>	West Virginia.
<i>plm.</i>	plumage.	<i>Wisc.</i>	Wisconsin.
<i>Pol.</i>	Poland.	<i>Wyo.</i>	Wyoming.
<i>por.</i>	portrait.	<i>Yuc.</i>	Yucatan.
<i>P. E. I.</i>	Prince Edward Island.	<i>Y. Ter.</i>	Yukon Territory.

CONCORDANCE

'31 = Vol. 48		The Auk
'32	" 49	"
'33	" 50	"
'34	" 51	"
'35	" 52	"
'36	" 53	"
'37	" 54	"
'38	" 55	"
'39	" 56	"
'40	" 57	"



THE AUK

TEN-YEAR INDEX

1931-1940

AALGE

aalge (Uria), see Uria.

Aaron, S. F.

Speed awing (rev.), '38, 298.

abavus (Presbychen), see Presbychen.

abbas (Thraupis), see Thraupis.

abboti (Erythropogon), see Erythropogon.

Abbott, Clinton Gilbert.

[Obituary of] Frank Stephens, '38, 313-314.

Abbott, William Louis, 1860-1936.

Obituary, '36, 369-370, '37, 125.

abbreviata (Poliophtila), see Poliophtila.

Abdulali, Humayun.

The sun as a mortality factor among young birds (rev.), '40, 429.

Abe, Klaus.

Saw-whet owl in Kansas, '40, 416.

abeillii (Hesperiphona), see Hesperiphona.

aberti (Pipilo), see Pipilo.

abessynicus (Micropus), see Micropus.

abieticola (Ceophloeus), see Ceophloeus.

— (Phloeotomus), see Ceophloeus.

Abrahams, C. N.

Breeding of the South African race of the St. Helena waxbill (*Estrilda astrild*) (rev.), '40, 269.

Abroscopus albogularis, *Himalayas*, '38, 510.

fulvifacies, *China*, '38, 510.

hugonis, *Siam*, '38, 510*.—*descr.*, *dist.*, '38, 510.

abuensis (*Otocompsa*), see *Otocompsa*.

Abyssinia, see *Ethiopia*.

abyssinica (*Hirundo*), see *Hirundo*.

abyssinicus (*Bucorvus*), see *Bucorvus*.

acaciurum (*Auriparus*), see *A. flaviceps*.

Academy of Natural Sciences, Philadelphia.

[Exhibition of Auduboniana], '38, 586.

acadica (*Cryptoglaux*), see *Cryptoglaux*.

Acanthis (Redpoll), *N. Z.* '34, 492.

cannabina (European Linnet, *bCarduelis*), *Jerusalem*, '33, 180.—*mig.* '35, 223; *wt.* '38, 310^b.

exilipes (*Hoary Redpoll*, *Coues's Redpoll*), *Mont.* '33, 365; *N. H.* '36,

ACCIPITER COOPERI

341; *O.* '34, 244-245.—*meas.* '34, 245; *nomen.* '38, 560^a; *tax.* '37, 553^a.

flammea (*bCarduelis*), *Ice.* '39, 207^b.—*tax.* '37, 553^b.

hornemanni (*Horsemann's Redpoll*), *Baf. I.* '40, 16^a; *Belgium*, '40, 431; *Mich.* '35, 95.—*misc.* '40, 119.

linaria (*Common Redpoll*, *Lesser Redpoll*, *Redpoll*, *flammea*), *Kans.* '34, 255; *Labr.* '37, 38; *Man.* '35, 204; *Mich.* '31, 132; *Mont.* '33, 365; *N. F.* '36, 345; *N. D.* '40, 118; *O.* '32, 229, '34, 402; *Scotl.* '36, 115^a; *Va.* '33, 198.—*fd.* '36, 345, '40, 118; *hbt.* '38, 693^a, '40, 177^a; *meas.* '32, 229; *nomen.* '32, 263^b, '40, 120^b; *tax.* '37, 553^a; *wt.* '35, 204, 471^a, '37, 38; *misc.* '34, 245, '36, 121^a, '37, 359^a.

rostrata (*Greater Redpoll*), *Baf. I.* '40, 16^a, 119; *Mass.* '34, 119; *O.* '35, 322.—*tax.* '37, 553^a.

Acanthisitta chloris (*Rifleman*, *bChlorisitta*), *N. Z.* '34, 491.—*tax.* '35, 348^b.

Acanthisa, *revis.* '39, 357; *tax.* '37, 415.

ewigi, *Tasmania*, '37, 415.

murina, *N. Guinea*, '34, 560.

Accentor, Hedge, see *Prunella modularis*.
Mountain, see *Prunella montanella*.

Accipiter, *Pa.* '39, 429, 430.—*double ovaries*, '39, 359; *misc.* '36, 395, 397, 404, '38, 290, 305, 522.

cooperi (*Cooper's Hawk*, *bFalco*, *mexicanus*), *Ariz.* '36, 298, '39, 321^a; *Calif.* '35, 428; *Colo.* '38, 178^a; *La.* '39, 183; *Mass.* '39, 493^a; *Mex.* '40, 236, 237; *Mich.* '34, 24; *Mont.* '35, 202; *N. J.* '31, 426^a, '36, 394^a, '39, 433; *O.* '31, 374, 377^a; *Okla.* '38, 502-503; *Ont.* '37, 228^a; *Pa.* '34, 19, '35, 237^a, 243, 244, '39, 433, 435^a, 437^a, '40, 262^a; *Utah*, '31, 619; *W. Va.* '33, 211^a.—*anat.* '31, 118, '32, 463^a; *behav.* '38, 137^a; *dist.* '35, 428; *eye*, '38, 242^a; *fd.* '36, 359^a, 401, '37, 228^a; *meas.* '37, 203; *mig.* '34, 19, 24, '35, 237^a, 243, 244, '36, 397^a, 401-402, '39, 433, 435^a; *note*, '38, 523^a; *paras.* '38, 82-83^a; *type*, '37,

- 203^b; *wt.* '38, 147^a, 516; *wing area*, '38, 516; *misc.* '33, 211^a, '36, 72^a, '40, 574^a.
fasciatus, *anat.* '35, 330; *misc.* '35, 486.
francesi, *anat.* '35, 330.
madagascariensis, *anat.* '35, 330.
minullus (*Little Sparrow Hawk), *Afr.* '36, 296-297^a.
nisus (*Sparrow Hawk), *Engl.* '38, 522; *Fr.* '38, 522.—*fd.* '32, 509^a, '33, 259, '34, 258, 417; *hbt.* '34, 123, '38, 522, '40, 133^a, 175; *sex ratio*, '38, 522; *misc.* '32, 389^a, 390, '36, 123, 250, 339^a, 474^a, '40, 79^a.
novaeollandiae, *anat.* '35, 330.
pacificus (*Nisus), *tax.* '39, 128^b.
pectoralis, *Parag.* '36, 249.
perobscurus, *Queen Charlotte Is.* '39, 108.
rufilatus, *syn., type*, '39, 128.
superciliosus, *Braz.* '33, 323.
suttoni, *Mex.* '39, 127-128^a.—*descr., dist., meas., pl.*, '39, 127-128.
velox (*Sharp-shinned Hawk, ^b*striatus*), *Ark.* '31, 237; *B. C.* '40, 592^a; *Fla.* '39, 150; *Me.* '35, 304^a; *Mass.* '37, 411^a; *Mex.* '38, 286, '40, 236^b, 237^b; *Mich.* '34, 24, '38, 195; *N. J.* '31, 426^a, '36, 72^a, 394, '39, 433; *O.* '31, 374, 377^a; *Ont.* '37, 228^a; *Pa.* '34, 19, '35, 237^a, 243, 244, '39, 433, 435^a, 437^a; *Utah,* '31, 619; *Va.* '31, 125.—*anat.* '31, 117, '32, 463^a; *destr.* '36, 357^a; *egg.* '40, 56^a; *fd.* '36, 357^a, 359^a, 401, '37, 228^a, 556^a, '40, 592^a; *hbt.* '31, 28; *incub.* '40, 56^a, 58^a; *mig.* '34, 19, 24, '35, 237^a, 243, 244, '36, 397-404^a, '37, 411^a, '39, 433, 435^a; *paras.* '31, 265^a; *wt.* '38, 515; *wing area*, '38, 515, 516; *misc.* '31, 125, '36, 72^a, 250^a, '38, 82^a, '39, 127-128, '40, 262^a.
Accipitres, '35, 360, '36, 106, '39, 345, '40, 131.
Accipitridae, *eye*, '38, 237; *life hist.* '37, 555; *nomen*, '38, 290; *paras.* '38, 82-84; *tax.* '38, 290; *misc.* '38, 572.
accipitrinus (Asio), see *A. flammeus*.
— (Deroptylus), see *Deroptylus*.
achrustrera (Lophortyx), see *Lophortyx*.
achrustrer (Turdus), see *Turdus*.
Acomus inornatus, *tax.* '35, 121.
Acridotheres, *tax.* '36, 104.
tristis (*Indian Mynah), *Afr.* '38, 145^a.—*hbt.* '38, 101.
Acrocephalus aquaticus, *song*, '35, 223.
baeticatus, *hbt.* '35, 350.
dumetorum, *hbt.* '35, 350.
paludicola, *song*, '35, 223.
palustris, *hbt.* '35, 350; *misc.* '35, 486.
scirpaceus, *Finl.* '35, 351.—*hbt.* '40, 177, 178; *misc.* '35, 486.
Acryllium vulturinum (*Vulturine Guinea Fowl), *type loc.* '34, 120^a.
actia (Otocoris), see *Otocoris*.
Actinodura wardi, *Burma*, '33, 254.
Actiornis anglicus, *tax.* '34, 261.
Actitis hypoleucos (*Common Sandpiper, ^b*Tringa*), *hbt.* '31, 185^a; *incub.* '37, 445^b.
macularia (*Spotted Sandpiper), *Ala.* '33, 369, '35, 463; *Antigua*, '34, 359; *Aris.* '39, 322; *Fla.* '34, 98^a; *Great Lakes*, '32, 235^a; *Ia.* '39, 36; *Md.* '38, 127; *Mex.* '35, 424^a; *Mich.* '34, 23, '37, 311; *Minn.* '34, 231; *N. F.* '36, 343, '37, 24; *N. J.* '31, 419^a, 421, 422^a, '32, 470-474; *N. C.* '37, 453; *O.* '31, 368, '36, 441^a; *Pan.* '35, 326; *Pa.* '31, 113^a, '38, 276^a; *Que.* '39, 129; *Tex.* '35, 99, '38, 66; *W. I.* '34, 103; *W. Va.* '38, 128.—*behav.* '37, 445-450, '39, 132-133, '40, 257^a; *egg.* '40, 57^a; *extra digit*, '40, 588^a; *hbt.* '31, 182^a, 183^a, '34, 231, '37, 445-451; *incub.* '37, 445, 449, 450, '39, 131, '40, 57^a, 58^a; *nid.* '32, 236, '37, 445-451, '39, 131-133; *note*, '37, 448; *pl.* '37, 446, 450; *wt.* '38, 442, 515; *wing area*, '38, 515.
Actodromas, '38, 433.
acufavidus (Thalasseus), see *Thalasseus*.
aculeata (Balanosphyra), see *Balanosphyra*.
— (Sitta), see *Sitta*.
acuminata (Erolia), see *Pisobia*.
— (Pisobia), see *Pisobia*.
acuta (Anas), see *Dafila*.
— (Chaetura), see *Chaetura*.
— (Dafila), see *Dafila*.
acutirostris (Dryobates), see *Dryobates*.
Adamastor cinereus (Pediunker), '37, 148.
Adams, Benjamin, — 1938.
Obituary, '39, 122.
Adams, J. C., Jr.
Late nesting of the yellow-billed cuckoo in Missouri, '33, 107.
Adams, William Clark.
Wild life administration and the fish and game commissioner, '31, 47-51.
Adams, Zabdiel Boylston, 1875-1940.
Obituary, '40, 446.
adamsi (Colymbus), see *Gavia*.
— (Gavia), see *Gavia*.
adamsoni (Coracina), see *Coracina*.
adastus (Empidonax), see *Empidonax*.
Addy, Edward.
Notes from Virginia, '40, 422-423.
adelberti (Chalcomitra), see *Chalcomitra*.
adeliae (Catarrhactes), see *Pygoscelis*.
— (Pucheranphus), see *Pygoscelis*.
— (Pygoscelis), see *Pygoscelis*.
adoxa (Ardea), see *Ardea*.
adscitus (Platycercus), see *Platycercus*.

adsimilis (Dicrurus), see Dicrurus.

Aechmolphus, *descr.* '38, 663-664*.

mexicanus, *Mex.* '38, 664-665*, '39, 189.—*descr., meas.*, '38, 664-665, '39, 189.

Aechmophorus occidentalis (*Western Grebe), *B. C.* '39, 498*; *Calif.* '39, 180; *Colo.* '37, 524, '38, 119; *Mass.* '37, 376-378, 378-379, '39, 180, '40, 266*; *Mont.* '32, 456; *N. H.* '39, 469; *N. J.* '39, 180-181; *N. Y.* '37, 376, '39, 181; *S. C.* '36, 438, '37, 376; *Utah.* '37, 98 (error, see '37, 574).—*behav.* '37, 378; *fd.* '32, 456, '34, 104*; *nid.* '37, 98; *plm.* '37, 376; *misc.* '39, 77*.

Aechmorrhynchus cancellatus, *tax.* '31, 465.

Aëdon familiaris (Grey-backed Warbler), *Jerusalem.* '33, 182.

galactodes (Rufous Warbler), *Jerusalem.* '33, 182.

aëdon (Troglodytes), see Troglodytes.

Aegialitis septentrionalis, *misc.* '35, 219.

Aegintha temporalis (*Red-browed Finch), *Australia.* '37, 565*.

Aegithalos caudatus (Long-tailed Tit), *hbt.* '37, 225, '39, 257, 262.

rosaceus (British Long-tailed Tit), *nomen.* '38, 576.

Aegithina scapularis, *Java.* '34, 427.

Aegothetes wondiwoi, *N. Guinea.* '37, 416.

Aegyptinae, '37, 230.

Aegyptius danieli, *Mongolia.* '38, 695.

aegyptiaca (Chenalopex), see Chenalopex.

aenea (Chloroceryle), see Chloroceryle.

— (*Glaucis*), see Glaucis.

aeneus (Psarocolius), see Tangavius involucrat.

— (*Quiscalus*), see Quiscalus.

— (*Schiffornis*), see Schiffornis.

— (*Tangavius*), see Tangavius.

aenigma (Elaenia), see Elaenia.

Aenigmatolimnas, *tax.* '33, 249.

Aepyornis, *bibl.* '32, 264; *incub.* '40, 46, 53; *ost.* '38, 311; *misc.* '32, 264, '37, 215.

Aepyodius bruijnii, *Waigeu I.* '40, 83-84.

aequatorialis (Asio), see Asio.

— (*Ciccaba*), see Otus.

— (*Otus*), see Otus.

— (*Penelope*), see Penelope.

aequinoctialis (Procellaria), see Procellaria.

Aëronautes saxatilis (*White-throated Swift, ^b*melanoleucus*, ^a*Acanthylis*), *Ariz.* '39, 322; *Ark.* '35, 452^b; *Mex.* '35, 423*; *Mont.* '36, 230*—*dist.* '39, 466-467; *eye.* '38, 239*; *meas.* '35, 452^b, '39, 465-468; *syn.* '39, 466^c; *type loc.* '39, 466^c.

sclateri, *Colo.* '39, 465*, 466.—*descr., dist., meas.*, '39, 465-466.

aeruginosus (Circus), see Circus.

Aesalon alaudarius (^b*insignis*), *nomen.*

'31, 638, 638^b.

aesalon (Falco), see Falco.

aestiva (Amazona), see Amazona.

— (*Dendroica*), see Dendroica.

— (*Piranga*), see P. rubra.

aestivalis (Aimophila), see Aimophila.

aethereus (Phaethon), see Phaethon.

Aethia cristatella (*Crested Auklet,

^b*Plautulus incomparabilis*), *syn.* '37, 113^{ab}.

pygmaea (Whiskered Auklet), *Alas.*

'39, 154.—*dist., fd.*, '39, 154.

Aethiopsar, *tax.* '36, 104.

cristatellus (Crested Mynah, Chinese Starling), *B. C.* '35, 480; *P. I.* '38, 221.—*hbt., nid.*, '38, 221.

Aethocorys intensa, *Afr.* '31, 466.

Aethomyias, *tax.* '37, 416.

Aethopyga blanci, *Indo-China.* '39, 494.

christinae (*Chinese Sunbird), *fd.*, *hbt.*, '37, 568*.

harrietae, *Indo-China.* '40, 429.

affine (Trichastoma), see Trichastoma.

affinis (Colius), see Colius.

— (*Cypseloides*), see Cypseloides.

— (*Cypselus*), see Cypseloides.

— (*Empidonax*), see Empidonax.

— (*Euphagus*), see Scolecophagus.

— (*Nyroca*), see Nyroca.

— (*Oreocinclia*), see Oreocinclia.

— (*Poocetes*), see Poocetes.

— (*Ramphocelus*), see Ramphocelus.

— (*Scolecophagus*), see Scolecophagus.

— (*Tchitrea*), see Tchitrea.

— (*Thryothorus*), see Thryothorus.

Afghanistan.

Meinertzhagen, *R.*, '38, 695 (rev.), '39, 105 (rev.), 204 (rev.).

Africa.

Allen, *G. M.*, '31, 295-296 (rev.).

Archer, *Sir G.*, and **Godman**, *Eva A.*, '38, 560-561 (rev.).

Bangs, *O.*, '32, 128 (rev.).

Bangs, *O.*, and **Loveridge**, *A.*, '32, 128 (rev.).

Bannerman, *D. A.*, '31, 285-286 (rev.); '32, 244 (rev.); '34, 107-108 (rev.); '37, 559 (rev.); '38, 298 (rev.), 689 (rev.); '40, 125 (rev.).

Bates, *G. L.*, '39, 99 (rev.).

Belcher, *C. F.*, '31, 288-289 (rev.).

Benson, *C. W.*, '37, 560 (rev.); '38, 689 (rev.); '39, 492 (rev.); '40, 587 (rev.).

Bigalke, *R.*, '38, 145 (rev.).

Bodenstein, *G.*, and **Schüz**, *E.*, '38, 145 (rev.).

Bowen, *W. W.*, '31, 455-456 (rev.); '32, 86, 248 (rev.); '34, 112 (rev.).

- Bradfield, R. D., '36, 131-132 (reprint).
 Brandt, H. W., '38, 288.
 Braun, R. H., '39, 353 (rev.).
 Cave, F. O., '40, 587 (rev.).
 Chapin, J. P., '33, 237-240 (rev.); '37, 218-219 (rev.); '38, 299 (rev.); '40, 260 (rev.).
 Chavigny, J. de, and Le Dû, R., '39, 100 (rev.).
 Cowles, R. B., '36, 28-30, 295-297; '37, 55-61.
 De Schauensee, R. M., '32, 376 (rev.).
 Dunajewski, '39, 101 (rev.).
 Friedmann, H., '31, 150 (rev.); '38, 141 (rev.).
 Fuertes, L. A., '31, 141 (rev.).
 Fuggles-Couchman, N. R., '39, 202 (rev.).
 Grant, C. H. B., and Mackworth-Præd, C. W., '37, 409 (rev.), 415 (rev.); '38, 302 (rev.), 571 (rev.), 692 (rev.), 694 (rev.); '39, 102 (rev.), 105 (rev.), 204 (rev.), 355 (rev.), 495 (rev.), 497 (rev.); '40, 127 (rev.), 432 (rev.), 435 (rev.), 589 (rev.), 591 (rev.).
 Greaves, R. H., and Tregenza, L. A., '38, 571-572 (rev.).
 Grote, H., '31, 147 (rev.); '38, 572 (rev.).
 Harvey, W. O., '38, 693 (rev.).
 Heim de Balsac, H., '36, 465 (rev.).
 Heslop, I. R. P., '37, 413 (rev.).
 Hoesch, W., '38, 149 (rev.), 693 (rev.); '39, 102 (rev.).
 Jackson, Sir F. J., and Selater, W. L., '38, 681-682 (rev.).
 Jannone, G., '40, 590 (rev.).
 Jourdain, F. C. R., '37, 413 (rev.).
 Kinnear, N. B., '39, 104 (rev.).
 Koenig, A., '37, 564 (rev.).
 Lépiney, and Németh, '38, 150 (rev.).
 Lowe, P. R., '31, 631-632 (rev.); '38, 694 (rev.).
 Lowe, W. P., '37, 564 (rev.).
 Lynes, H., '34, 264-265 (rev.).
 MacDonald, J. D., '38, 694 (rev.); '40, 273 (rev.), 435 (rev.), 591 (rev.).
 Meinertzhagen, R., '31, 289-291 (rev.).
 Moltoni, E., '39, 106 (rev.), 357 (rev.), 498 (rev.); '40, 274 (rev.).
 Moreau, R. E., '38, 576 (rev.); '39, 106 (rev.); '40, 129 (rev.), 274 (rev.), 436 (rev.), 592 (rev.).
 Moreau, R. E., and Moreau, Mrs. W. M., '37, 417 (rev.), 566 (rev.); '39, 498 (rev.); '40, 313-325.
 Moreau, R. E., and Selater, W. L., '38, 576 (rev.).
 Neumann, O., '32, 264 (rev.).
 Niethammer, G., '40, 274 (rev.).
 North, M. E. W., '40, 130 (rev.).
 Paget-Wilkes, A. H., '38, 578 (rev.).
 Pakenham, R. H. W., '40, 130 (rev.), 592 (rev.).
 Peters, J. L., and Loveridge, A., '36, 240-241 (rev.).
 Priest, C. D., '34, 263-264 (rev.), 411 (rev.); '36, 105-106 (rev.); '37, 216-217 (rev.).
 Rockefeller, J. S., and Murphy, C. B. G., '33, 23-29.
 Rowan, W., and Batrawi, A. M., '39, 206 (rev.).
 Schütz, E., '38, 155 (rev.).
 Serle, W., '40, 131 (rev.), 438 (rev.).
 Shuel, R., '39, 108 (rev.).
 Stone, W., '37, 228 (rev.).
 Stresemann, E., '39, 360 (rev.).
 Ticehurst, C. B., '40, 594 (rev.).
 Ticehurst, C. B., and Whistler, H., '39, 207 (rev.).
 Van Oordt, G. J., '39, 500 (rev.).
 Van Someren, V. G. L., '39, 500 (rev.).
 Walker, G. R., '40, 132 (rev.).
 Webb, C. S., '39, 501 (rev.).
 Winterbottom, J. M., '37, 112 (rev.); '38, 699 (rev.); '40, 133 (rev.).
africanus (Haliëtor), see Haliëtor.
 — (Micropus), see Micropus.
 — (Pseudogyps), see Pseudogyps.
Afropavo *congensis*, Afr. '37, 218, '40, 260. — *plm.* '37, 219.
Agapornis, *avic.* '37, 573, '38, 573; *dichro.* '38, 689; *pter.* '38, 581; *tax.* '39, 355.
 cana (*Gray-headed Parakeet, Lovebird, ^b*Conurus madagascariensis*, *aviary.* '37, 573^a; *misc.* '31, 127^b).
 fischeri (*Fischer's Parakeet), *avic.* '34, 123, '37, 573^a.
 lillianae (*Nyasaland Parakeet), *aviary.* '37, 573^a.
 nana, Afr. '32, 139, 264.
 personata, *disease.* '40, 332.
 pullaria (*African Red-faced Parakeet), *avic.* '34, 123, '37, 573^a, '39, 495.
 roseicollis, *disease.* '40, 332.
Age of Birds.
 Delacour, J., '39, 101 (rev.).
 Drost, R., and Schütz, E., '40, 271 (rev.).
 Kleiner, A., '40, 590 (rev.).
 Lloyd, H., '38, 304 (rev.).
 McIlhenny, E. A., '34, 330-331.
 Moody, A. F., '31, 317 (rev.).
 Radigues, Mme. X. de, '40, 130 (rev.).
 Robinson, H. W., '38, 278.
 Schneider, W., '38, 307 (rev.).
 Schütz, E., '37, 226 (rev.).
 Stoner, E. A., '40, 572-573.
 Sumner, E. L., Jr., '40, 276 (rev.).
Agelaioides badius, *hbt.* '40, 481.

Agelaius alticola, *Boliv.* '33, 142.
arctolegus (*Giant Red-wing), *Can.* '40, 276; *Ill.* '33, 372; *Ia.* '39, 36; *La.* '39, 98*; *Mich.* '35, 100; *Minn.* '39, 98*; *N. Y.* '37, 396; *O.* '32, 227, '35, 322; *Tex.* '39, 98*; *W. Va.* '38, 311, 678; *Wisc.* '40, 118.—*band.* '39, 98*; *cowbird* host, '40, 118; *meas.* '37, 396; *nomen.* '40, 276*; *tax.* '40, 276.
californicus (Bicolored Red-wing), *Calif.* '38, 48.—*cowbird* host, '38, 48, 546.
caurinus (Northwestern Red-wing), *meas.* '36, 24–26; *misc.* '36, 23, 27.
fortis (Thick-billed Red-wing), *Kans.* '31, 61; *N. D.*, '32, 93.—*hbt.* '31, 59, 61, '32, 93.
humeralis (Tawny-shouldered Blackbird), *Fla.* '36, 453.
icterocephalus (Yellow-headed Marsh-bird), *hbt.* '31, 53, 54, 58.
littoralis (*Gulf Coast Red-wing), *La.* '36, 439, '37, 274, 287, 293, 294*, '40, 88–90.—*sex ratio*, '40, 87–90.
matudae, *Mex.* '40, 548*.—*descr.*, *meas.*, '40, 548.
mearnsi (*Florida Red-wing), *Fla.* '31, 252, '40, 574*.—*song*, '31, 252.
neutalis (San Diego Red-wing, ^bphoeniceus), *Calif.* '35, 429^b.—*dist.* '35, 429.
nevadensis (Nevada Red-wing), *Ariz.* '37, 163; *Calif.* '38, 49; *N. M.* '37, 163.—*cowbird* host, '38, 46, 49.
phoeniceus (*Red-wing, Eastern Red-wing), *Ark.* '31, 238; *Can.* '40, 276; *Conn. Val.* '32, 360*; *Fla.* '31, 251; *G. Br.* '38, 560*; *Great Lakes*, '32, 235*; *Ill.* '33, 372; *Ia.* '32, 358*; *Kans.* '34, 538*; *Mass.* '31, 607, '36, 225*; *Mich.* '37, 311, '40, 156; *N. J.* '36, 394*; *N. Y.* '36, 446*, '38, 125; *O.* '31, 371, '34, 386*, '37, 326; *Ont.* '38, 545–546, '39, 17, 18*; *Que.* '37, 544; *S. C.* '32, 356, '39, 469; *Va.* '33, 452*; *W. Va.* '38, 677–678.—*band.* '39, 354*; *behav.* '35, 279–286, '39, 270; *cowbird* host, '34, 386*, '37, 544, '38, 545–546; *ecol.* '39, 404*; *feather count*, '36, 168*; *flight*, '33, 452*; *fd.* '33, 452*, '38, 125; *hbt.* '32, 356, '38, 405*; *meas.* '36, 25; *mig.* '39, 17, 252*; *nest*, '31, 607, '32, 236, 358*; *pl.* '35, 278; *song*, '35, 40–52*, '38, 267*; *wt.* '37, 326, 328*, '38, 444, 515; *wing area*, '38, 515; *misc.* '36, 23, 88*, 245*, 361*, '37, 535*, '38, 2, 610*, 613*.
phoeniceus subsp., *Ill.* '39, 451–455.—*destr.* '39, 451–455.
richmondi (Rio Grande Red-wing), *Mex.* '40, 548.—*hbt.* '31, 65.

ruficapillus (Red-headed Marsh-bird), *Argent.* '31, 58.—*hbt.* '31, 58.
sonoriensis (*Sonora Red-wing), *Ariz.* '37, 160; *Mex.* '35, 424*.—*hbt.* '31, 59, 60, 61; *misc.* '37, 163*.
thilius (Yellow-shouldered Blackbird), *Argent.* '31, 58; *Chile*, '31, 58.—*dist.* '38, 405; *hbt.* '31, 58.
tricolor (*Tricolored Red-wing, Tricolored Blackbird), *behav.* '40, 273*; *flight*, '33, 316*.
utahensis, *Utah*, '39, 200.
Agelastes meleagrides (*White-breasted Guinea Fowl), *Afr.* '35, 473*.
agilis (Oporornis), see *Oporornis*.
 — (Penthestes), see *Penthestes*.
 — (Vireo), see *V. chivi*.
Aglaeactis cupripennis (Sunbeam), *Ecuad.* '34, 149.
aglaeus (Quiscalus), see *Quiscalus*.
aglaiae (Platypsaris), see *Platypsaris*.
Agelaiocercus kingi (^bOrnismys), *tax.* '31, 294, 294^b.
agmen (Mesopicus), see *Mesopicus*.
agricola (Corvus), see *Corvus*.
Agriocharis ocellata (Ocellated Turkey), *misc.* '35, 360.
Agyrtia, '38, 534.
franciae (^bAgyrtina), *Colom.* '37, 405^b.—*hyb.* '37, 405^b.
luciae, *Hond.* '38, 534.
Aiken, Charles Edward Howard, 1850–1936.
 Obituary, '36, 371–372, '37, 125.
 Birds of the southwest (from diaries), and biography (rev.), '37, 559.
aikeni (Junco), see *Junco*.
 — (Otus), see *Otus*.
Ailuroedus crassirostris (Green Catbird), *hbt.* '38, 572.
melanotus (*Spotted Catbird), *Australia*, '38, 572*, 576.
Aimophila aestivalis (*Pine-woods Sparrow), *Fla.* '31, 253*, '36, 319*, 479*; *S. C.* '35, 194.—*hbt.* '36, 479*; *misc.* '38, 508.
bachmani (*Bachman's Sparrow, ^bPeucaea, ^cillinoensis), *Ill.* '34, 403; *La.* '39, 92^b; *O.* '36, 228*, 229, '39, 100*; *Okla.* '38, 507–508^b; *Pa.* '39, 100*; *Va.* '33, 198, 365; *W. Va.* '39, 100*.
bangsi, *Mex.* '33, 249.
botterii (Botteri's Sparrow), *Ariz.*, *Tex.*, '39, 166.—*fd.* '39, 166–167.
boucardi, *Mex.* '38, 287.
cassini (*Cassin's Sparrow, ^bPeucaea), *Tex.* '31, 62^b, '33, 62.—*hbt.* '31, 59^b, 62^b.
cinerea, *Mex.* '40, 549*.—*descr.*, *meas.*, '40, 549.

- eremoeca* (Rock Sparrow), *N. M.* '40, 421-422; *Okla.* '36, 435, '38, 507.
gigas, *Guat., Mex.*, '40, 549.—*meas.* '40, 549.
rufescens, *Guat., Hond., Mex.*, '40, 549.—*meas.* '40, 549.
septentrionalis, *Mex.* '35, 208.
subvespera, *Mex.* '40, 549.—*meas.*, *plm.* '40, 549.
tenuirostra, *Tex.* '40, 270.
Aithurus polytmus (^aStreamer-tailed Hummingbird), *Jam.* '38, 573^a.
Aix galericulata (^aMandarin Duck), *Switz.* '40, 585^a.
sponsa (^aWood Duck, ^bLampro-nessa), *Conn.* '32, 361, '37, 202; *Fla.* '36, 347; *Ill.* '34, 100; *Ia.* '37, 533-534; *La.* '34, 328-337^a; '36, 327, '40, 93^a; *Me.* '40, 245, 246^a; *Mass.* '31, 565, '32, 232, 441-444^a, '34, 226^a; *N. B.* '40, 106^a; *N. E.* '34, 513; *N. H.* '38, 296^a; *N. J.* '35, 482^a, '37, 533; *O.* '31, 375; *Pa.* '35, 303; *Switz.* '40, 585^a; *W. Va.* '34, 249, '38, 128, 130; *Wisc.* '35, 101^a.—*band.* '34, 328-337^a; *behav.* '37, 202, '40, 171, 173, 175, 177^b; *egg.* '40, 56^a; *fd.* '40, 245, 246^a; *incub.* '40, 56^a, 58^a; *sex ratio.* '40, 93^a; *wt.* '31, 572, '38, 516; *wing area.* '38, 516; *misc.* '35, 470, '36, 241^a, '37, 267^a.
Ajaia ajaia (^aRoseate Spoonbill, Spoon-bill), *Fla.* '31, 114, 259^a, 332^a, 423^a, 596^a, '33, 100^a, 429, '35, 180^a, '37, 427^a, '39, 141, 212^a, 214^a, 330^a, '40, 131^a, 134^a, 281^a, 292^a, 436^a; *Ga.* '36, 203-204, '39, 141; *La.* '39, 141, '40, 281^a; *S. C.* '36, 75; *Tex.* '32, 106, '35, 443, '38, 64, 132, 315^a, '39, 141, 214^a, 215^a, '40, 281^a, 289^a, 292^a.—*band.* '40, 131^a; *destr.* '37, 427^a; *dist.* '39, 141; *fd.* '39, 138^a, 141-142; *increase.* '36, 59^a, '39, 141; *protec.* '39, 218^a, '40, 281-282^a, 289^a, 292^a; *misc.* '36, 64^a, '38, 567^a, '39, 287^a.
ajaja (*Ajaia*), see *Ajaia*.
Akers, James, and *Spare*, G.
 Purple sandpiper in Ohio, '38, 528.
Alabama.
 Burleigh, T. D., '38, 545.
 Cahn, A. R., and Bryan, P., '38, 271-272.
 Edwards, Helen M., '31, 595, '32, 105-106, 221, 352, 459, '33, 105, 113-114, 234, 359, 368-370.
 Golsan, L. S., '39, 482-483.
 Holt, E. G., '32, 80, '33, 209.
 Mason, C. R., '36, 449-450, '38, 282-283.
 McIntosh, D., '34, 253.
 Peters, H. S., '36, 441.
 Ruff, F. J., '40, 575.
 Stevenson, H. M., Jr., '35, 93, 99, 302-303, 463.

- alascanus* (*Haliaeetus*), see *Haliaeetus*.
alascensis (*Buteo*), see *Buteo*.
 — (*Calcarius*), see *Calcarius*.
 — (*Pinicola*), see *Pinicola*.
Alaska.
 Anthony, A. W., '34, 77.
 Bailey, A. M., '33, 97, '39, 333-334.
 Bailey, A. M., Brower, C. D., and Bishop, L. B., '33, 378 (rev.).
 Dixon, J. S., '39, 101 (rev.).
 Ford, E. R., '34, 232, '36, 210, 214-215.
 Friedmann, H., '31, 265, '35, 341 (rev.), '36, 114 (rev.), '40, 127 (rev.).
 Friedmann, H., and Riley, J. H., '31, 269.
 Geist, O. W., '39, 495 (rev.).
 Hanna, W. C., '40, 589 (rev.).
 Huey, L. M., '38, 555-556.
 Murie, O. J., '38, 306 (rev.), '39, 106 (rev.).
 Oberholser, H. C., '31, 150 (rev.).
 Portenko, L., '39, 498-499 (rev.).
 Shortt, T. M., '40, 131 (rev.).
 Swarth, H. S., '34, 412-413 (rev.).
Alauda arvensis (^aSky Lark), *Finl.* '37, 566^a; *Fr.* '37, 565^a, '39, 349^a; *N. Z.* '34, 493.—*age.* '40, 131^a; *court.* '40, 436; *eye.* '38, 228^a; *hbl.* '34, 493; *mig.* '32, 129, '37, 566^a; *misc.* '38, 686^a.
cristata (Crested Lark), *Jerusalem*, '33, 180.
kagoshimae, *Jap.* '39, 501.
wattersi (Formosan Skylark), *P. I.* '38, 215.—*mig.* *nid.*, '38, 215.
alaudarius (*Aesalon*), see *Aesalon*.
Alaudidae, *eye.* '38, 239; *hbl.* '40, 176.
alaudinus (*Passerculus*), see *Passerculus*.
alba (*Chionis*), see *Chionis*.
 — (*Ciconia*), see *C. ciconia*.
 — (*Crocethia*), see *Crocethia*.
 — (*Guara*), see *Guara*.
 — (*Gygis*), see *Gygis*.
 — (*Motacilla*), see *Motacilla*.
 — (*Pagophila*), see *Pagophila*.
 — (*Streptopelia*), see *Streptopelia*.
 — (*Tyto*), see *Tyto*.
Albatross, American Sooty, see *Phoebetria auduboni*.
 Black-browed, see *Diomedea melanophris*.
 Black-footed, see *Diomedea nigripes*.
 Light-mantled Sooty, see *Phoebetria palpebrata*.
 Royal, see *Diomedea epomophora*.
 Sooty, see *Phoebetria fusca*.
 Wandering, see *Diomedea exulans*.
 Yellow-nosed, see *Thalassogeron chlororhynchos*.
albatus (*Taraba*), see *Taraba*.
albellus (*Mergellus*), see *Mergellus*.
albeola (*Charitonetta*), see *Charitonetta*.

Alberta.

- Cole, Mina P., '39, 201 (rev.).
 Douglas, H. E., '39, 201 (rev.).
 Farley, F. L., '31, 261-263, '32, 504 (rev.).
 Gross, A. O., '31, 511.
 Henderson, A. D., '31, 418.
 Salt, W. R., '39, 206 (rev.), 499 (rev.).
 Spofford, W. R., '39, 360 (rev.).
 Sternberg, R. M., '40, 276 (rev.).
 Twomey, A. C., '34, 291-296.
 Ussher, R. D., '40, 594 (rev.).
 Walkinshaw, L. H., '40, 155.
alberti (Crax), see Crax.
albescens (Perisoreus), see Perisoreus.
 — (Strix), see Strix.
albiceps (Elaenia), see Elaenia.
 — (Sula), see Sula.
albicilius (Heleodytes), see Heleodytes.
albicilla (Haliaeetus), see Haliaeetus.
 — (Mohoua), see Mohoua.
albicincta (Streptoprocne), see Streptoprocne.
albicollis (Zonotrichia), see Zonotrichia.
albifacies (Oreopeleia), see Oreopeleia.
 — (Suthora), see Suthora.
albifrons (Amazona), see Amazona.
 — (Anser), see Anser.
 — (Petrochelidon), see Petrochelidon.
 — (Sterna), see Sterna.
albigula (Cyanoderma), see Cyanoderma.
albigularis (Empidonax), see Empidonax.
 — (Falco), see Falco.
 — (Phegopedius), see Phegopedius.
albilateralis (Sporophila), see Sporophila.
albilora (Dendroica), see Dendroica.
 — (Muscisaxicola), see Muscisaxicola.
albiloris (Polioptila), see Polioptila.
Albinism.
Anas platyrhynchos, '31, 414.
 Argentine birds, '38, 570 (rev.).
Asio flammeus, '33, 436.
Cathartes septentrionalis, '33, 431.
Chaetura pelagica, '38, 280.
Chen hyperborea, '40, 438 (rev.).
Crotophaga ani, '40, 202.
Dumetella carolinensis, '36, 101.
Empidonax traillii, '31, 603.
Fratercula arctica, '32, 219.
Hirundo erythrogaster, '36, 94.
Larus delawarensis, '33, 235.
Melanerpes erythrocephalus, '36, 100.
Phasianus torquatus, '35, 184, 307.
Phylloscopus trochilus, '38, 308 (rev.).
Podilymbus podiceps, '37, 98-99.
Quiscalus aeneus, '39, 481.
Sayornis phoebe, '34, 524.
Setophaga ruticilla, '36, 101.
Sturnus vulgaris, '36, 449.
Turdus migratorius, '38, 574 (rev.), '40, 574.

- Zonotrichia nuttalli*, '38, 573 (rev.).
albionis (Uria), see Uria.
albirostris (Ramphocelus), see Ramphocelus.
 — (Tangara), see Tangara.
albitarsus (Ciccaba), see Ciccaba.
albiventer (Cyornis), see Cyornis.
 — (Turdus), see Turdus.
albiventris (Cyclarhis), see Cyclarhis.
 — (Polioptila), see Polioptila.
albiciliatus (Phalacrocorax), see Phalacrocorax.
alboceruleus (Tarsiger), see Tarsiger.
alboargyrea (Pachyrhamphus), see Pachyrhamphus.
 — (Sirystes), see Sirystes.
albugularis (Abroscopus), see Abroscopus.
 — (Ciccaba), see Otus.
 — (Eurostopodus), see Eurostopodus.
 — (Otus), see Otus.
 — (Rhamphastos), see Rhamphastos.
albolimbata (Oreonympha), see Oreonympha.
alboniger (Spizaetus), see Spizaetus.
albonotatus (Trochocercus), see Trochocercus.
albotibialis (Bycanistes), see Bycanistes.
albovittatus (Coryphotriccus), see Coryphotriccus.
albus (Casmerodias), see C. egretta.
 — (Lagopus), see Lagopus.
 — (Porphyrio), see Porphyrio.
Alca torda (*Razor-billed Auk, Razorbill, ^bAlka, ^cCode), *Acadia*, '39, 287^a, '40, 78^a; *Atlantic*, '32, 185; *Finl.* '38, 578^a; *Labr.* '37, 32; *Me.* '31, 591; *N. C.* '33, 231, '35, 319, '37, 549; *Que.* '37, 32; *Wales*, '39, 486^a.—*meas.* '37, 32; *melan.* '34, 124; *molt.* '39, 81^a; *nest.* '37, 32; *nomen.* '40, 78^a; *paras.* '37, 42; *pl.* '37, 24; *wt.* '37, 32; *misc.* '38, 477^b.
Alcae, *eye*, '38, 238.
Alcatraz, see *Pelecanus occidentalis*.
Alcedinidae, *eye*, '38, 239.
Alcedininae, *tax.* '34, 426.
Alcedo, *tax.* '34, 426.
 — *atthis* (European Kingfisher), *behav.* '40, 173, 176; *misc.* '31, 638.
 — *hispidoides*, *misc.* '31, 638.
 — *ispida*, *Finl.* '39, 496; *Germ.* '39, 203.
Alcidae, *anat.* '37, 404; *eye*, '38, 238; *misc.* '36, 237.
Alcippe, *tax.* '33, 364, '36, 364, 475.
 — *cinerea*, *tax.* '33, 364.
 — *delacouri*, *nomen.* '36, 475.
 — *eremita*, *Siam*, '36, 358.
 — *grotei*, *nomen.* '36, 249.
 — *major*, *nomen.* '36, 249.
Alcippornis, *tax.* '33, 364.
alcyon (Ceryle), see Megaceryle.
 — (Megaceryle), see Megaceryle.

- Aldous, Clarence M.**
Eastern crows nesting on or near the ground, '37, 393-394.
- Aldrich, John Warren.**
The giant red-wing in Ohio, '32, 227.
Barnacle goose in Ohio, '32, 460.
Additions to the list of Ohio birds, '36, 98-99.
European woodcock (*Scolopax rusticola rusticola*) in Ohio, '36, 329-330.
Sennett's nighthawk in Ohio, '36, 333-334.
Geographic variation of the veery, '39, 338-340.
Geographic variation in eastern North American Savannah sparrows (*Passerulus sandwichensis*) (rev.), '40, 429.
- Aldrich, J. W., and Bole, B. P., Jr.**
The birds and mammals of the western slope of the Azuero Peninsula (Republic of Panama) (rev.), '38, 144.
- Aldrich, J. W., and Nutt, D. C.**
Birds of eastern Newfoundland (rev.), '40, 269.
- aldrichi** (Penthestes), see *Penthestes*.
- alecto** (*Piezorhynchus*), see *Piezorhynchus*.
- Alectoris barbara, Fr.** '35, 349.
chukar (*Red-legged Chukar Partridge, ^b*Caccabis*), *Can.* '40, 131^a; *Jerusalem*, '33, 185^b; *Minn.* '38, 697^a; *Tenn.* '40, 438^a; *Wisc.* '40, 407^a.—*misc.* '36, 474^a.
graeca, anat. '38, 310; *dist.* '37, 414.
philbyi, Arabia, '37, 559.
rufa (*Red Partridge, Red-legged Partridge), *fd.* '37, 218^a, 464^a; *hyb.* '37, 414^a.
saxatilis, dist. '37, 414; *fd.* '37, 414.
- Alectroenas**, '36, 122.
- Alectura lathamii** (*Brush Turkey, ^b*Catheturus*), *Australia*, '37, 407.—*aviary*, '34, 557^{ab}; *nid.* '37, 407-408, '39, 497^a.
- ales** (*Buteo*), see *Buteo*.
— (*Geranoaëtus*), see *Buteo*.
- Alethe njombe, Afr.** '36, 363.
- aleuticus** (*Ptychoramphus*), see *Ptychoramphus*.
- Alexander, Frank McDaniel.**
The starling and mountain bluebird in Kansas, '34, 382-383.
- Alexander, Gordon.**
Eastern summer tanager in Colorado, '36, 452.
Least tern in Colorado, '37, 390-391.
- Alexander, Horace Gundry.**
Kittiwakes as shore birds (rev.), '38, 298.
- Alexander, Wilfrid Backhouse.**
The bird population of an Oxfordshire farm (rev.), '32, 505-506.
- alexandri** (*Archilochus*), see *Archilochus*.
- algestus** (*Bubo*), see *Bubo*.
- Ali, Sâlim.**
Economic ornithology in India (rev.), '36, 357.
The ornithology of Travancore and Cochin (rev.), part VI, '37, 419-420; part VII, '37, 567.
An additional list of birds from Hyderabad State (rev.), '39, 352.
- Ali, S., and Abdulali, H.**
The birds of Bombay and Salsette (rev.), part 1, '37, 420; part 2, '38, 298; part 3, '39, 352.
- Ali, S., and Whistler, H.**
The ornithology of Travancore and Cochin (rev.), '38, 298.
- aliciae** (*Hylocichla*), see *Hylocichla*.
- aliena** (*Mirafra*), see *Mirafra*.
— (*Rhodopechys*), see *Rhodopechys*.
- Alisterus scapularis, disease**, '40, 332.
- Alka**, see *Alca torda*.
- Allan, Philip Farley.**
Starlings in New Mexico, '39, 477-478.
- Allan, P. F., and Jackson, C. F.**
see Jackson and Allan.
- Allard, Harry Ardell.**
Speed of the ruby-throated hummingbird's flight, '34, 84.
Voice of the turkey vulture (*Cathartes aura septentrionalis*), '34, 514-515.
Activity of the screech owl, '37, 300-303.
Vocal mimicry of the starling and the mockingbird (rev.), '40, 269.
- Alle alle** (*Dovekie, Little Auk, ^b*Plautus*), *Atlantic*, '32, 186; *Conn.* '33, 328; *Cuba*, '33, 333; *Del.* '33, 331; *Fla.* '33, 332, '37, 207-208, 531, '38, 85-88; *Ga.* '33, 332, '35, 98; *Greenl.* '40, 13^a; *Labr.* '37, 33; *Me.* '33, 326; *Md.* '33, 332; *Mass.* '33, 327, '39, 476; *N. H.* '33, 326, '34, 83; *N. J.* '31, 105, '33, 330, '35, 448; *N. Y.* '33, 328, '35, 448; *N. C.* '33, 332, '37, 549, '38, 85-86, 552; *N. S.* '33, 326; *Pa.* '33, 230, 331; *Que.* '33, 326, '35, 309^a, '38, 303^a; *R. I.* '33, 327; *S. C.* '33, 332; *Spitsbergen*, '34, 129^a; *Va.* '31, 105, '33, 196, 332.—*anat.* '33, 105; *egg*, '40, 56^a; *fd.* '38, 690^a; *hbt.* '33, 105; *incub.* '40, 50^a, 56^a, 58^a; *mig.* '33, 325-349, '38, 85-88; *nomen.* '34, 541^b; *wt.* '35, 309^a, '38, 515; *wing area*, '38, 515; *misc.* '33, 157^a.
- alle** (*Plautus*), see *Alle*.
- Allee, Warder Clyde.**
The social life of animals (rev.), '39, 97.
- Allee, W. C., Hesse, R., and Schmidt, K. P.**
see Hesse, Allee and Schmidt.

- Allee, W. C., and Masure, R. H.**
see Masure and Allee.
alleghani (*Thryothorus*), see *T. ludovicianus*.
- Allen, Arthur Augustus.**
[Obituary of] George Martyn McNeil, '32, 147-148.
Sex rhythm in the ruffed grouse (*Bonasa umbellus* Linn.) and other birds, '34, 180-199.
A new bird for North America (rev.), '34, 417-418.
[On the blackbirds, orioles, etc.] (rev.), '34, 543-544.
American bird biographies (rev.), '35, 205.
Photo, '37, 166.
The golden plover and other birds (rev.), '39, 346-347.
- Allen, A. A., and Brooks, A.**
[On tanagers and finches] (rev.), '35, 339.
- Allen, A. A., and Kellogg, P. P.**
Recent observations on the ivory-billed woodpecker, '37, 164-184.
- Allen, Devere.**
Wintering or early arrival of the great blue heron in Connecticut, '32, 342.
Pine grosbeak nesting in Connecticut, '33, 442-443.
- Allen, Edgar.**
Sex and internal secretions (rev.), '40, 260-261.
- Allen, Elsa Guerdum.**
Some sixteenth century paintings of American birds, '36, 17-21.
New light on Mark Catesby, '37, 349-363.
Jaques Le Moyne, first zoological artist in America, '38, 106-111.
Nicolas Denys, a forgotten observer of birds, '39, 283-290.
- Allen, Francis Henry.**
Another Massachusetts record for the marbled godwit, '32, 83.
The song of the red-breasted nuthatch, '32, 482-484.
Forster's tern in Massachusetts again, '33, 104.
Treatment of hybrids, '33, 151.
Rough-winged swallow in Bristol County, Massachusetts, '34, 85-86.
Bird population in England, '34, 126.
The rôle of anger in evolution with particular reference to the colors and songs of birds, '34, 454-469.
See Lockley, R. M., 'Island days: a sequel to "Dream Island"' (rev.), '34, 550-551.
[Obituary of] Alfred Crowell Weston, '34, 567.

- Shore-birds hopping on one leg, '35, 83.
The Leach's petrels of Penikese Island, Massachusetts, '35, 179-180.
The yellow-bellied sapsucker and the ruby-throated hummingbird as commensals, '35, 310.
[On injury-feigning in nesting birds], '36, 125-127.
Shearwaters and ships, '36, 320-321.
["Mating" and "Coitus"], 37, 114.
Postscript [Additional records of western grebe in Massachusetts], '37, 378-379.
The name 'Black-poll warbler,' '38, 159.
Effect of wind on flight speeds, '39, 291-303.
Left-handedness in the Carolina parakeet, '39, 476-477.
Nicolas Denys' birds, '40, 75-82.
Wilson's plover in Massachusetts, '40, 111.
Conservation notes, '40, 134, 292, 442, 596.
Nicolas Denys and the nighthawk, '40, 417-418.
Flying with the wind: a correction, '40, 443.
The American bittern as a stake-driver, '40, 561-562.
- Allen, F. H., and Griscom, L.**
The gray kingbird in Massachusetts, '32, 87-88.
- Allen, F. H., and Townsend, C. W.**
See Townsend and Allen.
- Allen, F. H., and Tyler, W. M.**
Western grebe in Massachusetts, '37, 376-378.
- Allen, Glover Morrill.**
The birds of Liberia (rev.), '31, 295-296.
In memoriam: Charles Wendell Townsend, '35, 227-232.
[Election to editorship of 'The Auk'], '37, 117.
[Obituary of] Lord Lionel Walter Rothschild, '38, 162.
[Obituary of] May Rogers (Mrs. Lawrence J.) Webster, '38, 314.
[Electrocution of birds], '38, 547-548.
[Obituary of] Nathaniel Thayer Kidder, '38, 700.
[Obituary of] John Charles Phillips, '39, 111.
Hurricane aftermath, '39, 176.
In memoriam: John Charles Phillips, M.D., '39, 221-226.
[Obituary of] Stuart Taylor Danforth, '39, 362.
[Obituary of] Herbert Parker, '39, 362-363.

- [Obituary of] Witmer Stone, '39, 363.
[Obituary of] Joseph Grinnell, '39, 363.
The winter of 1939-40 (call for notes), '40, 259.
Birds and the winter of 1939-40, '40, 401-410.
[Obituary of] Francis Charles Robert Jourdain, '40, 445.
[Obituary of] Zabdriel Boylston Adams, '40, 446.
[Obituary of] Walter Harrington MacCraken, '40, 446.
Allen, G. M., Reviews.
see Schiöler, E. L., 'Birds of Denmark,' vols. I, II (rev.), '31, 457-458.
see Brand, A. R., 'More songs of wild birds' (rev.), '37, 107.
see 'Periodical literature' (rev.), '37, 107-113, 218-231, 405-423, 559-571; '38, 144-158, 298-312, 568-584, 689-699; '39, 99-110, 200-209, 352-361, 492-501; '40, 124-133, 269-278, 429-441, 587-595.
see Priest, C., 'The birds of southern Rhodesia,' vol. 4 (rev.), '37, 216-217.
see Brewster, W., 'October farm' (rev.), '37, 217.
see Kirkman, F. B., 'Bird behavior' (rev.), '37, 400-401.
see Butler, Lorine L., 'Birds around the year' (rev.), '37, 401.
see Pearson, T. G., 'Adventures in bird protection' (rev.), '37, 401-403.
see Hudson, G. E., 'Studies on the muscles of the pelvic appendage in birds' (rev.), '37, 403-404.
see Niethammer, G., 'Handbuch der Deutschen Vogelkunde,' part 1 (rev.), '37, 552-553.
see Nice, Margaret M., 'Studies in the life history of the song sparrow' (rev.), '37, 553-554.
see National Geographic Society, 'Book of birds' (rev.), '37, 554-555.
see Bent, A. C., 'Life histories of North American birds of prey' (rev.), pt. 1, '37, 555-556, pt. 2, '39, 94-95.
see Hesse, Allee, and Schmidt, 'Ecological animal geography' (rev.), '37, 556-557.
see Delacour, J. T., et al., 'Aviculture' (rev.), '37, 557-558.
see Danforth, S. T., 'Pájaros de Puerto Rico' (rev.), '37, 558-559.
see Brewster, W., 'Concord River' (rev.), '38, 139-140.
see Baerg, W. J., 'Elementary ornithology' (rev.), '38, 140.
see Friedmann, H., 'Birds collected by the Childs Frick expedition to Ethiopia and Kenya Colony' (rev.), '38, 141.
see Mills, H. B., 'Bugs, birds and blizzards in the Yellowstone' (rev.), '38, 141-142.
see Bennitt, R., and Nagel, W. O., 'A survey of resident game and furbearers of Missouri' (rev.), '38, 142-143.
see Linsdale, J. M., 'The natural history of the magpies' (rev.), '38, 143-144.
see Brewster, W., 'The birds of the Lake Umbagog region of Maine,' part 3 (rev.), '38, 144.
see Audubon, J. J., and Vogt, W., 'The birds of America' (new edition) (rev.), '38, 289-290.
see Stone, W., 'Bird studies at old Cape May' (rev.), '38, 293-294.
see Batchelder, C. F., 'An account of the Nuttall Ornithological Club, 1873 to 1919' (rev.), '38, 294-295.
see Bagg, A. C., and Eliot, S. A., Jr., 'Birds of the Connecticut Valley in Massachusetts' (rev.), '38, 295-296.
see White, F. B., 'Local notes on the birds at Concord, New Hampshire' (rev.), '38, 296-297.
see Parham, H. J., 'A nature lover in British Columbia' (rev.), '38, 297-298.
see Witherby, H. F., Jourdain, F. C. R., Ticehurst, N. F., and Tucker, B. W., 'The handbook of British birds' (rev.), vol. 1, '38, 559-560; vol. 2, '39, 196-197; vol. 3, '39, 485.
see Archer, Sir G., and Godman, Eva A., 'The birds of British Somaliland and the Gulf of Aden' (rev.), '38, 560-561.
see Buick, T. L., 'The moa-hunters of New Zealand' (rev.), '38, 562-563.
see Roberts, T. S., 'Logbook of Minnesota bird life 1917-1937' (rev.), '38, 563-564.
see Ridgway, J. L., 'Scientific illustration' (rev.), '38, 564-565.
see Bennett, L., 'The blue-winged teal, its ecology and management' (rev.), '38, 565.
see De Beer, G. R., 'The development of the vertebrate skull' (rev.), '38, 566.
see Griscom, L., 'The birds of the Lake Umbagog region of Maine,' part 4 (rev.), '38, 566-567.
see Sprunt, A., Jr., 'Beautiful birds of the southern Audubon sanctuaries' (rev.), '38, 567-568.
see Gregg, H. R., 'Birds of Rocky

- Mountain National Park' (rev.), '38, 572.
- see Darling, F. F., 'Bird flocks and the breeding cycle' (rev.), '38, 684-685.
- see Priestly, Mary, 'A book of birds' (rev.), '38, 685-686.
- see Brooks, E. A., 'A descriptive bibliography of West Virginia ornithology' (rev.), '38, 686.
- see Gladstone, H. S., 'Thomas Watling, limner of Dumfries' (rev.), '38, 686-687.
- see Menegaux, A., 'Les oiseaux de France' (rev.), vol. III, '38, 688; vol. IV, '39, 349-350.
- see Anker, Jean, 'Bird books and bird art' (rev.), '39, 92-94.
- see Chapman, F. M., 'Life in an air castle' (rev.), '39, 95-96.
- see Horton-Smith, C., 'The flight of birds' (rev.), '39, 96-97.
- see Allee, W. C., 'The social life of animals' (rev.), '39, 97.
- see Commons, Marie A., 'The log of Tanager Hill' (rev.), '39, 97-98.
- see Ritter, W. E., 'The California woodpecker and I' (rev.), '39, 197-198.
- see Hoffmann, R., 'Birds of the Pacific States' (rev.), '39, 198.
- see McAtee, W. L., 'Wildfowl food plants' (rev.), '39, 198-199.
- see Wallace, G. J., 'Bicknell's thrush, its taxonomy, distribution, and life history' (rev.), '39, 199-200.
- see Allen, A. A., 'The golden plover and other birds' (rev.), '39, 346-347.
- see Taka-Tsukasa, Prince, 'The birds of Nippon,' vol. 1, part 7 (rev.), '39, 347.
- see Nice, Margaret M., 'The watcher at the nest' (rev.), '39, 347-348.
- see Peterson, R. T., 'A field guide to the birds, giving field marks of all species found east of the Rockies' (rev.), '39, 348-349.
- see Peterson, R. T., 'The junior book of birds' (rev.), '39, 350.
- see Gustafson, A. F., and others, 'Conservation in the United States' (rev.), '39, 350-351.
- see Sclater, W. L., 'Zoological record. Aves, 1937' (rev.), '39, 351-352.
- see Lockley, R. M., 'I know an island' (rev.), '39, 485-486.
- see Chasen, F. N., 'The birds of the Malay Peninsula,' vol. 4 (rev.), '39, 486-487.
- see Taverner, P. A., 'Birds of Canada' (rev.), '39, 487-488.
- see Lincoln, F. C., 'The migration of American birds' (rev.), '39, 488-489.
- see Bent, A. C., 'Life histories of North American woodpeckers. Order *Piciformes*' (rev.), '39, 489-490.
- see Cottam, C., 'Food habits of North American diving ducks' (rev.), '39, 490-491.
- see Martin, A. C., and Uhler, F. M., 'Food of game ducks in the United States and Canada' (rev.), '39, 490-491.
- see Pettingill, O. S., Jr., 'A laboratory and field manual of ornithology' (rev.), '39, 491.
- see Stresemann, E., 'Proceedings of the Eighth International Ornithological Congress' (rev.), '40, 121-122.
- see Morgan, Ann H., 'Field book of animals in winter' (rev.), '40, 122-123.
- see Clements, F. E., and Shelford, V. E., 'Bio-ecology' (rev.), '40, 123-124.
- see Bailey, Florence M., 'Among the birds in the Grand Canyon country' (rev.), '40, 124.
- see Strong, R. M., 'A bibliography of birds with special reference to anatomy . . . and related subjects' (rev.), '40, 264-265.
- see Grinnell, J., 'Bibliography of California ornithology, third installment, to end of 1938' (rev.), '40, 265-266.
- see Forbush, E. H., and May, J. B., 'Natural history of the birds of eastern and central North America' (rev.), '40, 266-267.
- see Niedrach, R. J., and Rockwell, R. B., 'The birds of Denver and mountain parks' (rev.), '40, 267.
- see Tinbergen, N., 'The behavior of the snow bunting in spring' (rev.), '40, 267-268.
- see McIlhenny, E. A., 'The autobiography of an egret' (rev.), '40, 268.
- see Archbold, R., and Rand, A. L., 'New Guinea Expedition, 1936-1937' (rev.), '40, 426-427.
- see Roberts, T. S., 'Annals of the Museum of Natural History, University of Minnesota, 1872-1939' (rev.), '40, 427-428.
- see 'Publications of the British Trust for Ornithology,' vol. 1 (rev.), '40, 428.
- see Delacour, J., et al. [on birds of Indo-China] (rev.), '40, 428-429.
- see Todd, W. E. C., 'Birds of western Pennsylvania' (rev.), '40, 579-580.
- see Gabrielson, I. N., and Jewett, S. G., 'Birds of Oregon' (rev.), '40, 580-581.

- see Peters, J. L., 'Check-list of the birds of the world,' vol. 4 (rev.), '40, 581-582.
- see Howard, E., 'A waterhen's worlds' (rev.), '40, 582-583.
- see Berry, J., 'The status and distribution of wild geese and wild duck in Scotland' (rev.), '40, 583-584.
- see Clarke, Frances E., 'Great wings and small' (rev.), '40, 584-585.
- see Knopfli, W., 'Les oiseaux de la Suisse,' part 17 (rev.), '40, 585.
- see Delapchier, L., 'Petit atlas des oiseaux,' 1 (rev.), '40, 585-586.
- see Trautman, M. B., 'The birds of Buckeye Lake, Ohio' (rev.), '40, 586-587.
- Allen, G. M., and Greenway, J. [C.], Jr.**
A specimen of Tyto (Heliodilus) soumagnii, '35, 414-417.
- Allen, Parks.**
A sandhill crane (rev.), '40, 429.
- Allen, Robert Porter.**
Snowy owl in Maryland, '31, 267.
Water-turkey nesting in North Carolina, '31, 592-593.
Eggs of royal tern in laughing gull's nest, '32, 219-220.
Breeding range of the herring gull extended, '33, 433-434.
Sandpiper cripples, '34, 373-374.
Notes on the roseate spoonbill on the Gulf coast, '35, 77-78.
Notes on some bird colonies on the Gulf coast, '35, 198-200.
Black rail at Cape May Point, N. J., '35, 446.
- Allen, R. P., and Norton, A. H.**
see Norton and Allen.
- Allen, R. P., and Peterson, R. T.**
The hawk migration at Cape May Point, New Jersey, '36, 393-404.
- alleni** (Eupodotis), see Eupodotis.
- (Lagopus), see Lagopus.
- (Pipilo), see Pipilo.
- (Selasphorus), see Selasphorus.
- (Strix), see Strix.
- Allenia apicalis** (Scaly-breasted Thrasher), *Antigua*, '34, 363.
- almae** (Hylocichla), see H. swainsoni.
- almorae** (Sitta), see Sitta.
- Alophoixus medius**, *Borneo*, '31, 461.
- alpestris** (Eremophila), see Otocoris.
- (Otocoris), see Otocoris.
- Alphapuffinus, lax.** '37, 565.
- alpina** (Erolia), see Pelidna.
- (Pelidna), see Pelidna.
- alpinus** (Picoides), see Picoides.
- Alseonax epulatus**, *Afr.* '37, 108.—*hbt.* '37, 108.
flavipes, *nomen.* '37, 405.
- flavitarus**, *nomen.* '37, 405.
- minimus**, *E. Afr.* '40, 591.
- altaica** (Eremophila), see Otocoris.
- (Otocoris), see Otocoris.
- altaicus** (Falco), see Falco.
- altera** (Ammospiza), see Ammospiza.
- alticincta** (Formicivora), see Formicivora.
- alticola** (Agelaius), see Agelaius.
- (Anthus), see Anthus.
- (Apalis), see Apalis.
- (Catharus), see Catharus.
- (Certhia), see Certhia.
- (Cisticola), see Cisticola.
- (Lanivireo), see Vireo.
- (Melospiza), see Melospiza.
- (Passerella), see Melospiza.
- (Sturnella), see Sturnella.
- (Urocissa), see Urocissa.
- (Vireo), see Vireo.
- altitudinis** (Carpodacus), see Carpodacus.
- aluco** (Strix), see Strix.
- (Syrnium), see Strix.
- Alvarez, Teodoro.**
Observaciones biologicas sobre las aves del Uruguay (rev.), '34, 414.
- amabile** (Sialia), see Sialia.
- amabilis** (Domicella), see Domicella.
- (Lorius), see Domicella.
- (Ptilorhoa), see Ptilorhoa.
- Amadon, Dean.**
Notes from western New York, '34, 532-533.
Chimney swifts nesting in a barn, '36, 216-217.
Hooded merganser nesting in Connecticut, '38, 123.
Hosts of the cowbirds, '40, 257.
- Amadon, D., and Phillips, A. R.**
Notes on the Mexican goshawk, '39, 183-184.
- Amandava**, '36, 122.
- amani** (Dioptrornis), see Dioptrornis.
- amaura** (Speotyto), see Speotyto.
- amaurochalinus** (Turdus), see Turdus.
- amauronota** (Tyto), see Tyto.
- amauronotus** (Vireo), see Vireo.
- Amaurornis**, '37, 215.
- olivacea** (Philippine Waterhen), *P. I.* '38, 207.—*nid.* '38, 207.
variabilis, *Celebes*, '36, 362.
- Amaurospizopsis relictus**, *Mex.* '34, 269.
- Amazilia chalconota** (Buff-bellied Hummingbird), *Tex.* '38, 133.
- diluta**, *Mex.* '39, 109.
- elliotti** (Azure-crowned Hummingbird), *nest*, '39, 317*.
- tzacatl** (Rieffer's Hummingbird), *Hond.* '31, 481, '36, 190; *Pan.* '31, 481.—*colors*, '36, 190; *life hist., hbt., nest*, '31, 481-500; *pls.* '31, 481, 488, 496.

- Amazona, Venez.** '35, 329.—*hbt.* '38, 479.
aestiva (Blue-fronted Amazon Parrot), *avic.* '40, 269; *disease.* '40, 332.
albifrons, disease. '40, 332; *hbt.* '38, 479.
amazonica, hbt. '38, 479.
auropalliata (*bChrysotis*), *dist.* '35, 449-450; *hbt.* '38, 479.
autumnalis, misc. '35, 450.
barbadensis, disease. '40, 332, *hbt.* '38, 479.
festiva, disease. '40, 332; *hbt.* '38, 479.
finschi, Mex. '37, 193, 528.
gouldingi, misc. '31, 159.
imperialis, misc. '31, 159.
leucocephala (Bahama Parrot), *Bah.* I. '38, 52.
micra, Surinam. '37, 562.
ochrocephala (*bPsittacus*), *dist.* '35, 450.
oratrix (*Double Yellow-headed Parrot, *bChrysotis levaillantii*), *avic.* '37, 573; *dist.* '35, 450; *hbt.* '38, 479; *nomen.* '35, 449^b; *tax.* '35, 449-450.
panamensis (*Panama Parrot, *bPsittacus*), *disease.* '40, 331^a; *dist.* '35, 450.
tresmariae, dist. '35, 450.
versicolor, misc. '31, 159.
viridigenalis, hbt. '38, 479.
woodi, Mex. '37, 528*.—*descr., dist.* '37, 528.
xantholaema, dist. '35, 450.
xanthops (*bPsittacus*), *tax.* '35, 450^b.
amazona (Chloroceryle), see *Chloroceryle*.
amazonica (Amazona), see *Amazona*.
amazonus (Pachyrhamphus), see *Pachyrhamphus*.
ambiguus (Streptopelia), see *Streptopelia*.
 — (Trogon), see *Trogon*.
 — (Trogonurus), see *Trogon*.
Amblycercus holosericeus (Prevost's Cacicque), *Hond.* '36, 193.—*colors.* '36, 193; *note.* '40, 297.
solitarius, avic. '32, 515.
Amblyrhamphus holosericeus (Orange-headed Blackbird), *Argent.* '31, 58.—*hbt.* '31, 53, 58.
American Committee for International Wild Life Protection.
 Special publication (London convention for protection of African flora and fauna) (rev.), '35, 473-474.
American Ornithologists' Union.
A. O. U. 'Memorial Volume'. Fifty years progress of American ornithology, 1883-1933 (rev.), '34, 105-106.
By-Laws and Rules. '38, 330-338; amendments to By-Laws, '40, 142.

Certificate of Incorporation. '38, 339-340.

Check-List, 4th edition (rev.), '31, 523-531; pocket Check-List (announcement), '35, 478.

Committee on Biography and Bibliography. '31, 87-90; '32, 71-73; '33, 84-86; '35, 68-69.

Committee on Bird Protection. '31, 91-94; '32, 74-76; '33, 87-90; '34, 71-73; '35, 70-73; '36, 70-73; '37, 426-428; '38, 326-329; '39, 212-219; '40, 279-291.

Committee on Research. '38, 586-587.

Committee on Ridgway Memorial. '31, 95-104.

Council of the A. O. U., '38, 586.

Membership. Fellows, Members and Associates, April, 1931, '31, xii-lxvii; April, 1933, '33, xii-lxviii; April, 1935, '35, xii-lvii. Patrons, Fellows, Members and Associates, April, 1937, '37, xiv-lxii; April, 1938, '38, 342-386; April, 1939, '39, xi-xlvi; April, 1940, '40, xi-xlvii. Fellows, Members and Associates elected November, 1933, '34, 221-224; October, 1934, '35, 63; October, 1935, '36, 68, 198-201; October, 1936, '37, 124-125; November, 1937, '38, 323-324; October, 1938, '39, 121; June, 1939, '40, 147. Deceased Members, '31, 85-86; '32, 69-70; '33, 82-83; '34, 69-70; '35, 66-67, lviii-lxxi; '36, 68-69; '37, 125-126; '38, 324; '39, 122-123; '40, 147-149, 450-466.

Officers and Committees, April, 1931, '31, xi; April, 1933, '33, xi; April, 1935, '35, xi; January, 1936, '36, 67; April, 1937, '37, xiii; April, 1938, '38, 341; April, 1939, '39, ix-x; April, 1940, '40, ix-x.

Reports of the Secretary. '31, 81-86; '32, 65-70; '33, 80-83; '34, 67-70; '35, 64-67; '36, 57-69; '37, 117-126; '38, 317-324; '39, 112-123; '40, 141-149.

Reports of the Treasurer. '38, 325; '39, 124; '40, 150-152.

Rôle of the A. O. U. in present day ornithology. '35, 316.

Stated Meetings, forty-eighth, 1930, Salem, '31, 66-80; forty-ninth, 1931, Detroit, '32, 52-64; fiftieth, 1932, Quebec, '33, 64-79; semi-centennial, 1933, New York, '33, 262, '34, 52-70; fifty-second, 1934, Chicago, '35, 53-63; fifty-third, 1935, Toronto, '36, 57-69; fifty-fourth, 1936, Pittsburg, '37, 117-126; fifty-fifth, 1937, Charleston, '38, 317-324; fifty-sixth, 1938, Washington, '39, 112-123; fifty-seventh, 1939,

- Berkeley and San Francisco, '40, 141-149.
- americana* (*Avocetta*), see *Recurvirostra*.
- (*Certhia*), see *Certhia*.
- (*Chloroceryle*), see *Chloroceryle*.
- (*Compothlypis*), see *Compothlypis*.
- (*Fulica*), see *Fulica*.
- (*Glaucionetta*), see *Glaucionetta*.
- (*Grus*), see *Grus*.
- (*Mareca*), see *Mareca*.
- (*Marila*), see *Nyroca*.
- (*Mycteria*), see *Mycteria*.
- (*Nyroca*), see *Nyroca*.
- (*Oidemia*), see *Oidemia*.
- (*Recurvirostra*), see *Recurvirostra*.
- (*Spiza*), see *Spiza*.
- americanus* (*Coccyzus*), see *Coccyzus*.
- (*Mergus*), see *Mergus*.
- (*Merops*), see *Merops*.
- (*Numenius*), see *Numenius*.
- (*Tympanuchus*), see *Tympanuchus*.
- amethystina* (*Chalcomitra*), see *Chalcomitra*.
- amethystinus* (*Lampornis*), see *Lampornis*.
- Amia calva*, *misc.* '35, 361.
- Ammann**, George Andrew.
- Number of contour feathers of *Cygnus* and *Xanthocephalus*, '37, 201-202.
- Ammodramus**, *misc.* '38, 171.
- australis* (^aEastern Grasshopper Sparrow, Grasshopper Sparrow, ^b*Frin-gilla pratensis*), *Atlantic*, '32, 99^a; *D. C.* '31, 610; *Fla.* '31, 246^a, 252; *Ill.* '33, 373, '34, 403, '36, 348; *Me.* '35, 460; *Mich.* '37, 317^a, '40, 595^a; *N. Y.* '31, 279^a, '39, 342; *O.* '34, 386^a, '37, 326, '38, 49; *Ont.* '39, 17; *S. C.* '36, 315.—*cowbird* host, '34, 386^a, '38, 49; *feather* count, '36, 169^a; *hbl.* '36, 126^a; *mig.* '39, 17; *nest*, '31, 610, '36, 348; *nomen.* '40, 120^b; *song*, '34, 504^a, '35, 40-52^a, '37, 316^a, 317^a, '38, 266-267^a; *wt.* '37, 326, '38, 514; *wing* area, '38, 514; *misc.* '36, 471^a, '37, 397^a, 399^a.
- bairdi* (^aBaird's Sparrow, ^b*Centronyx ochrocephalus*), *nomen.* '36, 371^b; *misc.* '38, 289^a, 299^a.
- bimaculatus* (Western Grasshopper Sparrow, ^b*perpallidus*), *Ia.* '39, 36; *Neb.* '31, 62; *N. D.* '38, 49; *Okla.* '38, 507^b; *Tex.* '31, 62.—*cowbird* host, '38, 49; *hbl.* '31, 59, 62; *meas.* '38, 507^b; *nomen.* '34, 549^b.
- floridanus* (Florida Grasshopper Sparrow), *Fla.* '36, 318-319.—*nid., pl., song*, '36, 318-319.
- obscurus* (^b*bimaculatus*), *nomen.* '34, 549^b.
- Ammomanes deserti** (Desert Lark),

- Arabia*, '36, 362, '40, 125; *Jerusalem*, '33, 180.
- hijazensis*, *misc.* '36, 121.
- kinneari*, *Arabia*, '35, 348.
- ammophila* (*Otocoris*), see *Otocoris*.
- Ammospiza altera**, *Que.* '38, 117^a.—*descr., dist.*, '38, 117-118.
- caudacuta* (^aSharp-tailed Sparrow, ^b*diversa*), *Conn.* '36, 287^a; *Md.* '31, 126^a, '32, 231, 231^b.—*dist.* '38, 117; *feather* count, '36, 169^a; *tax.* '31, 610^b; *misc.* '36, 119^a.
- diversa* (Southern Sharp-tailed Sparrow), *Ga.* '36, 335-336; *S. C.* '36, 335-336.—*dist.* '37, 461.
- fisheri* (Louisiana Seaside Sparrow, ^b*Passerherbulus*), *La.* '31, 123^b, '34, 400.
- howelli* (Howell's Seaside Sparrow, ^b*Passerherbulus*), *Ala.* '39, 193; *La.* '31, 123^b.
- juncicola* (Wakulla Seaside Sparrow), *Fla.* '39, 193.
- macgillivraii* (Macgillivray's Seaside Sparrow, ^b*Thryospiza*), *N. C.* '37, 185, 460, 461, 463; *S. C.* '37, 185, 187.—*dist.* '32, 132^b, '37, 185; *plm.* '37, 186; *song*, '37, 463.
- maritima* (^aNorthern Seaside Sparrow, Seaside Sparrow, ^b*Thryospiza*, ^c*Passerherbulus*), *Conn.* '36, 287^a; *Mass.* '33, 121, '40, 589^a; *Tex.* '33, 62^a.—*feather* count, '36, 169^a; *mig.* '37, 186; *plm.* '37, 186; *tax.* '32, 132^b; *misc.* '37, 185, 188.
- mirabilis* (^aCape Sable Seaside Sparrow), *Fla.* '34, 389, '36, 341, '37, 102, '39, 330^a.
- nelsoni* (^aNelson's Sparrow, ^b*Passerherbulus*), *Fla.* '31, 247^a; *La.* '34, 400; *Md.* '32, 231; *Mass.* '33, 122^a; *Mich.* '35, 100; *Minn.* '39, 504^a; *N. Y.* '38, 546-547; *N. C.* '37, 460; *O.* '34, 402; *Ont.* '38, 284; *Pa.* '32, 235^b; *Va.* '33, 198.—*dist.* '38, 117; *plm.* '38, 546; *misc.* '38, 118.
- pelonota* (^b*Thryospiza*), *Fla.* '32, 132^b, '37, 185.—*syn.* '37, 185.
- peninsulæ* (^aScott's Seaside Sparrow, ^b*Passerherbulus*), *Fla.* '31, 246^a, 252^b, '32, 97^a, '35, 463^a (?).—*nest*, '32, 97^a.
- sennetti* (Texas Seaside Sparrow), *Fla.* '39, 193.
- shannoni* (^b*Thryospiza*), *Fla.* '32, 253^b.—*tax.* '37, 185.
- subvirgata* (^aAcadian Sharp-tailed Sparrow), *Md.* '32, 231; *Mass.* '33, 122^a; *O.* '36, 99; *Que.* '31, 242^a.—*dist.* '38, 117; *misc.* '38, 118.
- waynei* (^b*Thryospiza*), *Ga.* '32, 132^b, '37, 185.—*plm.* '37, 186; *tax.* '37, 187.

amnicola (Dendroica), see Dendroica.
 — (Sayornis), see Sayornis.
 amoena (Passerina), see Passerina.
 amoenissima (Poliophtila), see Poliophtila.
 amoyensis (Caprimulgus), see Caprimulgus.

Amphispiza belli (Bell's Sparrow), *misc.* '38, 642.

cana, *Mex.* '31, 307.

clementeae, *status*, '32, 490.

confinis, *Mex.* '35, 208.

deserticola (*Desert Sparrow), *Ariz.* '39, 325; *Okla.* '38, 508; *Tex.* '36, 92^a.

grisea, *Mex.* '38, 287.

nevadensis (Northern Sage Sparrow), *Colo.* '39, 481-482; *Mex.* '35, 256; *Utah*, '36, 232.

opuntia, *Tex.* '40, 270.

tortugae, *Mex.* '31, 307.

xerophilus, *L. C.* '31, 460.

ampla (Paradisaea), see Paradisaea.

amplonotata (Ciccaba), see *C. squamulata*.

amplus (Carpodacus), see Carpodacus.

Anabacanthia, '35, 480.

anabatina (Dendrocincla), see Dendrocincla.

anabatinus (Thamnistes), see Thamnistes.

Anabernicula gracilentia, *fos.* '35, 480.

Anachilus, *nomen*, '37, 208.

anaethetus (Sterna), see Sterna.

analís (Formicarius), see Formicarius.

analoga (Meliphaga), see Meliphaga.

analogus (Symplectes), see Symplectes.

anamesus (Penthestes), see Penthestes.

Anaplectes rubriceps (*Red-headed Weaver), *Afr.* '37, 216^a.—*hbt.* '37, 216^a.

Anarhynchus frontalis (*Wrybill Plover), *N. Z.* '38, 153^a.—*nid.* '38, 153^a.

Anas diazi (Mexican Duck), *Mex.* '35, 424.

domesticus (*Domestic Mallard, Rouen Duck), *Germ.* '40, 516.—

dimorph. '38, 582^a; *paras.* '40, 516.

eppelsheimensis, *fos.* '34, 262.

fulvigula (*Florida Duck), *Fla.* '36, 479^a.—*hbt.* '36, 479^a.

isarensis, *fos.* '34, 262.

leucophrys (*Callonetta), *tax.* '36, 475^b.

maculosa (*Mottled Duck), *La.* '34, 328^a, '40, 92, 93.—*band.* '34, 238^a, '40, 92; *sex ratio*, '40, 92, 93^a.

platyrhynchus (*Mallard), *Ark.* '31, 236; *B. C.* '36, 360^a; *Fla.* '31, 247^a; *Germ.* '39, 107; *G. Br.* '39, 107; *Ice.* '40, 126^a; *Ia.* '39, 36, '40, 593^a; *Labr.* '37, 17; *La.* '34, 328-337, '40, 92, 93^a, 408-409; *Me.* '35, 316; *Mass.* '32, 441-444^a, '34, 226^a; *Mex.* '35, 424; *Minn.*

'39, 504^a, '40, 514^a; *Neb.* '37, 569^a; *N. H.* '35, 97, '36, 224; *N. C.* '37, 452; *O.* '31, 373, '36, 228; *Pa.* '34, 368^a, '35, 198, '36, 94^a, '39, 329^a, 472^a; *S. C.* '31, 414; *Utah*, '37, 390^a; *W. Va.* '38, 128, 129; *Wisc.* '35, 101^a.—*alb.* '31, 414; *band.* '32, 216, '34, 122-123, 328-337, '40, 92; *behav.* '37, 253, 258^a, 260, 262^a, '38, 150^a, '40, 130^a; *disease*, '40, 515^a, 593^a; *egg*, '40, 56^a; *eye*, '38, 225^a, 233^a, 234^a, 241^a, 242^a; *feather count*, '32, 461^a, '36, 159^a; *flight*, '33, 313^a, '38, 298^a, '39, 301^a; *hbt.* '34, 78-80; *incub.* '40, 56^a, 58^a; *mig.* '34, 278^a, '39, 107; *molt*, '38, 157; *paras.* '40, 516, 519^a; *physiol.* '40, 261^a; *sex ratio*, '40, 87, 92, 93^a; *wt.* '31, 572, '38, 513^a, 517; *wing area*, '38, 512^a, 517; *misc.* '36, 237^a, 361^a, '37, 249^a.

poecilorhyncha, *plm.* '32, 214, '37, 253.

rubripes (*Red-legged Black Duck, Black Duck), *Ark.* '31, 236; *Conn. Val.* '32, 360; *Kans.* '34, 255; *La.* '34, 399; *Me.* '40, 245; *Mass.* '31, 565, '33, 367; *Neb.* '37, 569^a; *N. B.* '40, 106-107; *N. F.* '36, 342; *N. D.* '38, 554; *Ore.* '32, 344; *P. R.* '36, 350; *R. I.* '39, 374-379; *S. C.* '40, 413; *Tex.* '33, 61, '38, 132; *Va.* '33, 199; *W. Va.* '35, 181, '38, 129.—*band.* '32, 344; *behav.* '37, 253; *fd.* '39, 374-379, '40, 245; *nid.* '40, 106-107; *paras.* '40, 516; *misc.* '35, 433, '36, 58^a, '40, 77.

superciliosa (Gray Duck), *N. Z.* '34, 490.—*behav.* '37, 253.

tristis (*Black Duck), *Conn. Val.* '32, 360; *Great Lakes*, '32, 235^a; *Me.* '40, 245, 246^a; *Mass.* '32, 441-444^a, '34, 226^a; *Mich.* '32, 383^a; *N. H.* '36, 224-225, '38, 296^a; *N. Y.* '36, 446^a; *O.* '31, 375, '36, 228; *Pa.* '31, 113^a, '34, 368^a, '35, 198, '36, 94^a, '39, 329^a, 472^a, '40, 577^a; *Que.* '31, 244^a, '36, 377-380; *R. I.* '39, 374-379; *S. C.* '31, 414; *W. Va.* '38, 128, 129; *Wisc.* '35, 101^a.—*alb.* '31, 414; *band.* '32, 383^a; *egg*, '36, 379, '40, 55^a; *flight*, '33, 452^a, '38, 298^a; *fd.* '39, 374-379, '40, 245, 246^a; *hbt.* '34, 226-227^a, '36, 126^a, '40, 434^a; *incub.* '40, 55^a, 58^a; *nid.* '36, 377-380; *pl.* '36, 377, 380; *wt.* '38, 517; *wing area*, '38, 517; *yn.* '36, 379-380; *misc.* '36, 64, '38, 140^a, '39, 129, 224^a, '40, 77.

anaticula (Eonessa), see Eonessa.

Anatidae, *Fr.* '39, 109; *Holl.* '39, 493; *Jap.* '36, 115.—*anat.* '39, 207, 356; *eye*, '38, 231, 237; *fd.* '39, 490-491, 493, '40, 130; *incub.* '40, 317; *mig.* '38, 432, '39, 493; *paras.* '40, 516; *tax.* '36, 475, '40, 121, 430; *misc.* '37, 254.

Anatomy.

- Balli, A., '39, 352 (rev.).
 Bissonnette, T. H., and Zujko, A. J., '36, 31-50.
 Brock, Gwendolen T., '38, 299 (rev.).
 Burt, W. H., '31, 296 (rev.).
 Cottam, C., and Knappen, P., '33, 94-95.
 Curtis, Elizabeth L., and Miller, R. C., '38, 225-243.
 Engels, W. L., '38, 642-650.
 Gilbert, P. W., '39, 57-63.
 Glenney, F. H., '40, 588 (rev.).
 Groebels, F., '31, 305-306 (rev.).
 Herrick, E. H., and Torstveit, O., '38, 693 (rev.).
 Howell, A. B., '37, 364-375, '38, 71-81.
 Hudson, G. E., '32, 87, '37, 403-404 (rev.).
 Kuroda, N., '39, 356 (rev.).
 Larson, L. M., '31, 150 (rev.).
 Low, C., '38, 694 (rev.).
 Lowe, P. R., '31, 631-632 (rev.), '32, 136 (rev.), '34, 110 (rev.), '38, 694 (rev.), '39, 105 (rev.).
 Mayr, E., '31, 639 (rev.).
 Moore, W. H., '34, 229.
 Niethammer, G., '38, 577 (rev.).
 Rand, A. L., '33, 219-220, '35, 329-330.
 Scharnke, H., '32, 139 (rev.), 264 (rev.).
 Schildmacher, H., '38, 307 (rev.).
 Schneider, A., '38, 580 (rev.).
 Snyder, L. L., '31, 117-118.
 Stegmann, B., '37, 568 (rev.).
 Stolpe, M., '32, 390 (rev.).
 Stonor, C. R., '39, 500 (rev.).
 Stresemann, E., '32, 512 (rev.).
 Strong, R. M., '40, 264-265 (rev.).
 Technau, G., '37, 228-229 (rev.).
 Turkewitsch, B. G., '37, 422 (rev.).
 Wahby, A., '38, 310 (rev.).
 Weel, P. B. von, '38, 310 (rev.).
 Wood Jones, F., '37, 571 (rev.), '38, 157-158 (rev.), 584 (rev.).
 anatum (Falco), see Falco.
Anburey, Thomas.
 Travels through the interior parts of America in a series of letters (rev.), '34, 200-206.
Ancistrops cognitus, *Braz.* '37, 562.
Anderson, Anders Harold.
 A suggestion for a scientific method of studying bird sounds, '33, 453-454.
 Food of the Gila woodpecker (*Centurus uropygialis uropygialis*), '34, 84-85.
Anderson, Edwin Conrad, — -1933.
 Obituary, '36, 68.
Anderson, J. Alastair.
 Color feeding of nonpareil buntings (rev.), '38, 568.

Anderson, Rudolph Martin.

- Methods of collecting and preserving vertebrate animals (rev.), '33, 242-243.
 Mammals and birds of the western arctic district, Northwest Territories, Canada (rev.), '38, 145.
 Faunas of Canada (rev.), '38, 568.
anderssoni (*Machaerhamphus*), see *Machaerhamphus*.
 — (Struthio), see Struthio.
andicola (*Leptasthenura*), see *Leptasthenura*.
andina (*Lichenops*), see *Lichenops*.
andium (*Nettion*), see *Nettion*.
Andrews, Clement Walker, 1858-1930.
 Obituary, '31, 329, '32, 69.
Androphilus viridis (*Androphobus*), *tax.* '34, 426, '37, 222^b.
Androphobus, *tax.* '34, 426, '37, 222.
angelica (*Leptotila*), see *Leptotila*.
anglicus (*Actiornis*), see *Actiornis*.
angolensis (*Gypohierax*), see *Gypohierax*.
 — (*Pogoniulus*), see *Pogoniulus*.
 — (*Viridibucco*), see *Viridibucco*.
angusticauda (*Cisticola*), see *Cisticola*.
angustirostris (*Turdus*), see *Turdus*.
angustus (*Cerchneipicus*), see *Cerchneipicus*.
 — (*Neocichla*), see *Neocichla*.
Anhima cornuta (Horned Screamer), *Venez.* '35, 329.
Anhimidae, *anat.* '37, 228.
Anhinga anhinga (*Water-turkey, Anhinga), *Ark.* '31, 235; *Calif.* '40, 125; *D. C.* '36, 438; *Fla.* '31, 423^a; *Ga.* '33, 427^a, '35, 300; *La.* '33, 350^a, '36, 328; *N. C.* '31, 592, '32, 213; *Okl.* '38, 121-122, 570^a; *Tenn.* '37, 423^a; *Tex.* '33, 61, '38, 63, 132.—*nest*, '31, 592, '33, 351^a, 427^a; *nomen*, '38, 159^a.
papua, *N. Guinea*, '38, 696.
Anhingidae, '36, 438.
Ani, see *Crotophaga ani*.
 Groove-billed, see *Crotophaga sulcirostris*.
 Smooth-billed, see *Crotophaga ani*.
ani (*Crotophaga*), see *Crotophaga*.
anjouanensis (*Leptosomus*), see *Leptosomus*.
Anker, Jean.
 Bird books and bird art (rev.), '39, 92-94.
anna (*Calypte*), see *Calypte*.
annae (*Ithaginis*), see *Ithaginis*.
annectens (*Cyanocitta*), see *Cyanocitta*.
 — (*Junco*), see *Junco*.
annulosa (*Zosterops*), see *Zosterops*.
Anodorhynchus, '37, 225.
Anomalophrys superciliosus, *Nigeria*, '37, 413.

Anomalospiza, '38, 135.

nyasae, *Nyasaland*, '38, 689.

Anonymous.

Duck decline in the northwest (rev.), '34, 112.

The conservation of wild life (rev.), '36, 114.

In memoriam, Witmer Stone (1866-1939) (rev.), '40, 587.

Anous melanops (*Lesser Noddy Tern), *Australia*, '39, 423.

stolidus (*Noddy Tern, Noddy, *Timosa*), *Antigua*, '34, 361; *Fla.* '36, '99, '39, 99^a, 328-329, '40, 290^a; *S. C.* '35, 309.—*behav.* '39, 328-329, '40, 38, 43^a; *fig.* '36, 18; *fd.* '34, 361; *nest.* '36, '99, '39, 328; *protec.* '40, 290^a; *yng.* '36, '99; *misc.* '36, 19^b, '39, 176^a.

Anser, '37, 565.

albigrons (*White-fronted Goose), *Colo.* '38, 519-520; *Germ.* '39, 346^a, 500; *Greenl.* '33, 136; *Ill.* '34, 100; *Mich.* '35, 200; *Tex.* '32, 343^a, '38, 132; *Va.* '33, 193, '40, 529; *Wisc.* '39, 471.—*dist.* '33, 202.

anser (*Gray Goose, Gray Lag Goose), *Finl.* '38, 578^a; *Mass.* '33, 208; *Scotl.* '40, 583^a; *Ural Mts.* '38, 136^a.—*behav.* '37, 257-258^a, 263-271^a, '39, 204^a, 263^a, '40, 41; *paras.* '37, 505.

brachyrhynchus (*Pink-footed Goose), *Ice.* '33, 384; *Mass.* '39, 146; *Scotl.* '40, 583^a.—*dist.* '33, 202, '39, 146; *fd.* '39, 146; *tax.* '39, 485.

carneirostris (Buturlin's Goose), *Scotl.* '35, 119.

curtus (Short-billed Goose), *dist.*, *tax.*, '37, 564.

erythropus, *misc.* '31, 470.

fabalis (*Bean Goose), *Engl.* '40, 430^a.—*dist.* '33, 202; *plm.* '37, 252^a; *tax.* '39, 485^a, '40, 121^a; *misc.* '36, 123.

gambeli (Tule Goose), *Greenl.* '33, 136.

neglectus (Sushkin's Bean Goose), *Holl.* '31, 155; *Scotl.* '34, 274.—*age, aviary.* '40, 590.

Anseres, '39, 345.**Anseriformes**, *Arctic*, '37, 569; *G. Br.* '39, 485; *Switz.* '40, 585.—*eye.* '38, 230, 237, 241; *hbt.* '40, 175; *incub.* '40, 58; *paras.* '37, 505, '40, 516; *misc.* '37, 41, '38, 655.**Antarctica**.

Lowe, P. R., and Kinnear, N. B., '31, 141-142 (rev.).

Murphy, R. C., '38, 696 (rev.).

Roberts, B., '40, 131 (rev.).

Siple, P. A., and Lindsay, A. A., '37, 147-159.

antarctica (Aptenodytes), see *Pygoscelis*.

— (*Priocella*), see *Priocella*.

— (*Pygoscelis*), see *Pygoscelis*.

— (*Thalassoica*), see *Thalassoica*.

antarcticus (*Lopholaimus*), see *Lopholaimus*.

— (*Palaeodyptes*), see *Palaeodyptes*.

— (*Podilymbus*), see *Podilymbus*.

Antbird, Tyrannine, see *Cercomacra tyrannina*.

antecursor (*Buteo*), see *Buteo*.

Anthochaera carunculata, *misc.* '35, 360.

Anthony, Alfred Webster, 1865-1939.

A new petrel for North America, '34, 77.

Obituary, '40, 148.

anthonyi (*Oreopeleia*), see *Oreopeleia*.

Anthornis melanura (Bell-bird), *N. Z.* '34, 492.—*myol.* '38, 646.

Anthoscenus surdus, *Mex.* '35, 208.

Anthoscopus caroli, *nest.* '33, 257.

pendulinus (*Penduline Titmouse, *Remiza*), *Austria*, '37, 561^a.—*hbt.* '32, 513^b; *nid.* '37, 561-562^a, '39, 494^a; *misc.* '34, 123^b, 277^b.

rhodesiae, *Rhodesia*, '32, 511.

waldroni, *Gold Coast*, '35, 348.

anthracina (*Buteogallus*), see *Urubitinga*.

— (*Urubitinga*), see *Urubitinga*.

anthracinus (*Turdus*), see *Turdus*.

Anthracothorax nigrilineatus, *Hond.* '36, 469.

pinchoti, *W. I.* '32, 130.

Anthreptes barbouri, *Tanganyika*, '32, 130.

elachior, *Afr.* '40, 321.—*fledg.* '40, 321; *misc.* '36, 121.

neglectus, *Afr.* '37, 566.—*tax.* '37, 566.

orientalis, *Afr.* '37, 566.—*tax.* '37, 566.

ugandae, *Afr.* '40, 321.—*fledg.* '40, 321.

Anthus alticola, *Colo.* '35, 343.

chapini, *Cameroons*, '38, 572.

dewittei, *Congo*, '38, 299.

exiguus, *New Guinea*, '35, 208.

hoeschi, *SW. Afr.* '39, 360.

katangae, *Congo*, '38, 299.

malayensis (*Malay Pipit), *P. I.* '38, 215^a, 219-220.—*hbt., nid.*, '38, 219-220.

marungensis, *Congo*, '38, 299.

meinertzhageni, *Hebrides*, '36, 247.

novae-seelandiae (New Zealand Pipit), *N. Z.* '34, 491.

pacificus, *B. C.* '35, 343.

pallidiventris, *Congo*, '38, 299.

pratensis (Meadow Pipit), *hbt.* '36, 253; *nest.* '35, 351.

richardi, *China*, '31, 315.

rubescens (*Pipit, American Pipit), *Ark.* '36, 456; *Baf. I.* '40, 15-20^a;

- Colo.* '38, 572^a; *Fla.* '31, 247^a, 254, '35, 463; *Germ.* '37, 553^a; *La.* '33, 124; *Labr.* '34, 118^a, '37, 37; *La.* '34, 399; *Me.* '35, 317; *Man.* '32, 169^a; *Miss.* '39, 343; *N. F.* '36, 344; *O.* '32, 353^a, '37, 326; *Ont.* '39, 15^a, 16; *Ore.* '40, 580^a; *Que.* '31, 243^a; *Utah.* '38, 300^a, 303^a.—*fd.* '38, 303^a; *hbt.* '32, 353^a; *mig.* '39, 15–16; *nest.* '37, 37; *paras.* '37, 42; *pl.* '37, 40; *wt.* '37, 37, 326, '38, 514; *wing area.* '38, 514.
- schoutedeni*, *Congo*, '38, 299.
- spraguei* (*Sprague's Pipit), *Mich.* '35, 457, '36, 339^a.—*hbt.* '36, 339^a; *song.* '35, 457–458.
- striolatus*, *China*, '31, 315.
- trivialis* (Tree Pipit), *Congo*, '38, 299.—*behav.* '40, 174, 177; *court.* '40, 436.
- sp.*, *Mex.* '40, 240.
- anticostiensis* (Certhia), see *Certhia*.
- Antigua.**
- Box*, H. E., '38, 146 (rev.).
- Danforth*, S. T., '34, 350–364, '39, 304–305.
- antillarum* (Columbigallina), see *Columbigallina*.
- (*Podilymbus*), see *Podilymbus*.
- (*Sterna*), see *Sterna*.
- 'Anting' by birds.**
- Bates*, R. S. P., '37, 559–560 (rev.).
- McAtee*, W. L., '38, 98–105.
- Nice*, Margaret M., and *Pelkwyk*, J. T., '40, 520–522.
- antiqua* (Minerva), see *Minerva*.
- antiquorum* (Phoenicopterus), see *P. roseus*.
- antiquus* (Phoenicopterus), see *P. roseus*.
- (*Synthliboramphus*), see *Synthliboramphus*.
- Antrostomus carolinensis** (*Chuck-will's-widow), *Fla.* '36, 479^a, '40, 405^a; *Ill.* '36, 83; *Kans.* '35, 466; *La.* '33, 107, '34, 399; *Md.* '31, 121, '32, 479, '33, 368, '36, 333; *N. C.* '37, 456; *O.* '32, 479, '33, 362, '38, 149^a.—*hbt.* '33, 107, '36, 479^a; *nomen.* '38, 159^a; *misc.* '39, 159^a.
- cubanensis* (Cuban Nightjar), *Isle of Pines*, '34, 523.—*egg, voice.* '34, 523.
- otiosus*, *W. I.* '32, 495.—*egg.* '32, 495.
- setosus* (*Mexican Whip-poor-will, ^b*Caprimulgus*, ^c*macromystax*), *Mex.* '40, 238.—*nomen.* '35, 208^b, '40, 238.
- vociferus* (*Whip-poor-will, Eastern Whip-poor-will), *Ala.* '32, 221; *Fla.* '31, 246^a, '34, 96, '40, 404^a, 405^a; *Mex.* '40, 235, 236, 238; *Que.* '39, 204^a; *Va.* '33, 436.—*hbt.* '33, 436, '36, 126^a; *song.* '38, 687–688^a; *misc.* '34, 205^a, '39, 159^a.
- Antshrike*, Black-crested, see *Thamnophilus nigricristatus*.
- Slaty*, see *Thamnophilus atrinuchus* and *T. punctatus*.
- Ant-thrush*, Bolivian Large, see *Taraba kriegi*.
- Panama*, see *Formicarius analis*.
- Antwren*, see *Microrhopias quixensis*.
- anulus* (Passerculus), see *Passerculus*.
- anumbi* (Anumbius), see *Anumbius*.
- Anumbius anumbi** (Leñatero), *Argent.* '38, 43.—*cowbird host.* '38, 41–43.
- Apalis**, *Afr.* '39, 105.
- alticola*, *Rhodesia*, '37, 419.
- bensoni*, *Nyasaland*, '37, 409.
- drakensbergensis*, *Transvaal*, '37, 419.
- fuscicularis*, *Kenya*, '38, 576.
- grandis*, *Angola*, '32, 253.
- interjectiva*, *Tanganyika*, '32, 128.
- macphersoni*, *Nyasaland*, '34, 556.
- moreauli*, *Tanganyika*, '31, 635.
- schoutedeni*, *Belgian Congo*, '38, 299.
- strausae*, *Angola*, '32, 253.
- tenerrima*, *Germ. E. Afr.* '35, 486.
- Apaloderma littoralis**, *Kenya*, '31, 466.
- narina* (*Forest Trogon), *Afr.* '37, 417^a.
- apeliotes* (Parus), see *Parus*.
- Aphanotriccus audax**, *Pan.* '33, 305.
- Aphelocoma**, *eye.* '38, 235, 236.
- californica* (*California Jay), *Calif.* '35, 428, 430.—*dist.* '35, 428; *eye.* '38, 233^a; *hbt.* '36, 360^a; *myol.* '38, 642; *tax.* '35, 105, '38, 575; *misc.* '36, 58^a.
- coelestis*, *Guat.* '37, 197.
- coerulescens* (*Florida Jay, ^b*cyanæa*), *Fla.* '31, 251^b, '35, 198, '36, 386, '40, 405^a.
- couchi* (Couch's Jay), *Mex.* '39, 174.
- griscomi*, *Hond., Salv.*, '37, 197.
- guerrerensis*, *Mex.* '37, 197.—*meas., plm.*, '37, 197.
- immanis* (Long-tailed Jay), *Calif.* '31, 430.—*nest.* '31, 430.
- insularis* (Santa Cruz Jay), *tax.* '35, 105.
- oocleptica* (Nicasio Jay), *nest.* '32, 365.
- potosina*, *Mex.* '39, 86.—*tax.* '39, 86.
- sieberi* (*Sieber's Jay, ^b*sordida*), *Mex.* '40, 236^b, 239.
- sordida* (^b*Garrulus*, ^c*sieberii*), *Mex.* '39, 86.—*meas.* '39, 86; *nomen.* '39, 86^b.
- unicolor*, *Mex.* '37, 197.
- wollweberi*, *Mex.* '35, 422.
- woodhousei* (Woodhouse's Jay), *Ariz.* '39, 323; *Nev.* '38, 575.—*tax.* '38, 575.
- Aphrastura bullocki**, *Chile*, '35, 213.
- Aphriza virgata** (*Surf-bird), *Alas.* '36, 256^a.
- apiaster* (Merops), see *Merops*.

apicalis (Allenia), see Allenia.

apivorus (Pernis), see Pernis.

Aplonis, '36, 116.

ponapensis, Caroline Ids. '32, 267.

apoda (Paradisaea), see Paradisaea.

Apodiformes, nomen. '38, 559; tax. '40, 581.

approximans (Circus), see Circus.

apricaria (Pluvialis), see Pluvialis.

apricarius (Charadrius), see Pluvialis.

Aprosmictus erythropterus (*Crimson-winged Parakeet), hyb. '40, 276^a.

papua, N. Guinea, '37, 416.

Aptenodytes excelsior (*Emperor Penguin, ^bforsteri), Antarctic, '37, 152^a, 155-157^b—*enemies*, *eye*, *fd.*, *hbt.*, *molt*, '37, 155-157^b; *tax.* '35, 219; *wt.* '37, 156^b; *misc.* '35, 259^b, '37, 148^b.

Apterygiformes, '37, 506.

Apteryx, anat. '39, 62; incub. '40, 53; *tax.* '35, 485.

haasti, nomen. '37, 416.

mantelli, nomen. '37, 416.

novaezealandiae, nomen, '37, 416.

apuliae (Galerida), see Galerida.

Apus apus (*Common European Swift, ^bCypselus), Jerusalem, '33, 184^b—*age*, '37, 226; *hbt.* '37, 229, '40, 318, 323; *misc.* '33, 149.

melba (*Alpine Swift, White-bellied Swift, ^bCypselus, ^aMicropus), Jerusalem, '33, 184^b—*age*, '37, 226; *anat.* '38, 310; *misc.* '31, 315^a, '32, 140^a.

apus (Apus), see Apus.

— (Cypselus), see Apus.

aquatica (Sayornis), see Sayornis.

aquaticus (Acrocephalus), see Acrocephalus.

— (Cinclus), see Cinclus.

— (Rallus), see Rallus.

aquarea (Fregetta), see Fregetta.

— (Fregettornis), see Fregetta.

Aquila, double ovaries, '39, 359; *misc.* '38, 290.

canadensis (*Golden Eagle, ^bchrysaetos), Ala. '36, 382; Ariz. '39, 321; Ga. '31, 118^b, '32, 217; Ill. '34, 403, '35, 464, '36, 348, '37, 100, 385-388; Ind. '35, 464; La. '33, 355^a, 431, '34, 370, '35, 183^a, '39, 90; Mass. '39, 75; Mex. '35, 251; N. H. '31, 118^b; N. C. '34, 80; N. D. '39, 75; Okla. '35, 453^a; Ont. '40, 565; Pa. '32, 234, '34, 20, '35, 237^a, 243, 245, '39, 431-432^a, 435-437, '40, 248-249^a; Sib. '38, 290; S. C. '36, 311; Tenn. '31, 267^a, '32, 130^a; Tex. '34, 371; Utah, '31, 619; Vt. '37, 547; Va. '33, 192^a, 194; W. Va. '34, 370—*band*, '35, 242^a; *eye*, '38, 226^a, 227^a, 243^a; *flight*, '36, 348, '38, 432^a; *fd.* '34, 371, '39, 75; *meas.* '37, 100; *mig.* '35,

237^a, 243, 245, '39, 435^a, 436, '40, 248-249^a; *plm.* '36, 382; *protec.* '40, 129^a; *wt.* '38, 517; *wing area*, '38, 512^a, 517; *misc.* '37, 96^a, '39, 501^a, '40, 262^a.

chrysaetos (*Golden Eagle, Stone Eagle), Austria, '39, 354^a; Germ. '39, 346^a; Jerusalem, '33, 185; Spiti (Himalaya), '37, 414; Turkestan, '36, 475^a—*eye*, '38, 231; *fd.* '34, 416^a; *hbt.* '40, 175, 323; *misc.* '39, 495^a.

clanga, biol. '35, 351; *fd.* '34, 417.

daphanea (^bhodgsoni), nomen. '31, 638, '32, 510^b.

ferox, fos. '35, 215; *stat.* '35, 361.

heliaca (Imperial Eagle), Jerusalem, '33, 185.

kamtschatica, Kamt. '38, 291.

pomarina (*Spotted Eagle), Hungary, '31, 643—*biol.* '32, 514, '35, 351; *misc.* '32, 265, 266^a.

wahlbergi (*Wahlberg's Eagle), misc. '35, 485^a.

Aquilavus, tax. '34, 262.

Aquilidae, nomen. '38, 290.

aquilonis (Chondrohierax), see Chondrohierax.

Ara, Argent. '37, 225; Venez. '35, 329—*hbt.* '38, 479.

ararauna, hyb. '33, 253.

atwoodi, misc. '34, 377.

guadeloupensis (Guadeloupe Macaw), misc. '34, 377.

macao, disease, '40, 332; *hbt.* '38, 479; *hyb.* '33, 253.

maracana, hbt. '38, 479.

mexicana, Mex. '37, 193.

severa, hbt. '38, 479.

tricolor (Cuban Macaw), misc. '36, 241.

Arabia.

Bates, G. L., '38, 298 (rev.), '39, 99 (rev.), 352 (rev.), '40, 125 (rev.).

Bates, G. L., and Philby, H. St. J. B., '37, 108 (rev.), 405 (rev.), 559 (rev.). Morrison-Scott, T. C. S., '39, 358 (rev.).

arabicus (Eremialector), see Eremialector.

Aracnothera magna, misc. '35, 360.

araguira (Coryphospingus), see Coryphospingus.

Aramididae, tax. '31, 635.

Aramides cajanea, Fla. '36, 386—*fos.* '36, 386.

saracura (Saracura Wood-rail), Braz. '40, 517—*paras.* '40, 517.

Aramidopsis platani, Celebes, '33, 247.

Aramus dolosus, Hond. '36, 188—*colors*, '36, 188.

pictus (*Limpkin), Cuba, '36, 436^a; Fla. '32, 237, '33, 370, '36, 381^a, 386,

- 479^a, '37, 221^a, '39, 213^a, '40, 590^a; *Ga.* '37, 221^a; *S. C.* '37, 221^a.—*fd.* '36, 360^a, '37, 221^a, '40, 281^a; *hbt.* '36, 479^a; *protec.* '39, 212^a, 213^a, 217–218^a, '40, 281^a; *misc.* '35, 212, '36, 473^a.
scolopaceus (Limpkin), *Venez.* '35, 329.
aranaea (Gelochelidon), see *Gelochelidon*.
araneipes (Rhea), see *Rhea*.
ararauna (Ara), see *Ara*.
Aratinga (^bEupsittula), *Argent.* '37, 225, 225^b.
chloroptera (Hispaniolan Parouquet), *Haiti*, '34, 502.—*hbt.* '34, 502.
guarouba (^aYellow Conure, Queen of Bavaria's Conure, ^bConurus, ^cEupsittula), *avic.* '40, 272^c; *misc.* '31, 159^b.
leucophthalmus, *hbt.* '38, 479.
margaritensis, *disease*, '40, 332.
tortugensis, *disease*, '40, 332.
Arbib, Robert S., Jr., and **Loetscher**, F. W., Jr.
 Some notes from the Panama Canal Zone—summer 1934, '35, 325–328.
arborea (*Dendrocygna*), see *Dendrocygna*.
 — (*Lullula*), see *Lullula*.
 — (*Spizella*), see *Spizella*.
Arborophila diversa, *Siam*, '31, 307.
rufpectus, *China*, '33, 248.
Arceuthornis, *tax.* '35, 105.
auritus (^aSong Thrush), *China*, '38, 293^a.
coburni (^aRedwing, ^bTurdus), *misc.* '34, 359^{ab}.
ericetorum (^aSong Thrush, ^bTurdus), *Engl.* '37, 559^a.—*behav.* '37, 559^a, '39, 260^b, '40, 132^b; *nomen.* '35, 220^b.
iliacus (^aRedwing, ^bTurdus), *hbt.* '38, 101^b, 104^a, 105^a; *misc.* '35, 190^b.
philomelos (^aSong Thrush, ^bTurdus, ^cmusicus), *Afr.* '38, 145^a; *Australia*, '37, 423^b; *Austria*, '40, 271^{be}; *Finl.* '37, 227^b; *N. Z.* '34, 492^b.—*ecol.* '39, 359^b; *fd.* '40, 520^b; *mig.* '32, 129^{be}, '34, 560^b, '37, 227^b (2).
pilaris (^aFieldfare, ^bTurdus), *Arctic America*, '40, 119^b; *Finl.* '37, 566^a.—*chromosomes*, '38, 579^b; *hbt.* '37, 225^a; *mig.* '37, 566^a.
viscivorus (Missel Thrush), *fd.* '32, 365.
Archaeophasianus miocaenus (^bPhasianus), *fos.* '35, 361; *tax.* '34, 262^b.
roberti (^bPhasianus), *fos.* '35, 361; *tax.* '34, 262^b.
Archaeopsittacus, *tax.* '34, 262.
Archaeopteryx, *morph.* '39, 96.
Archaeornis, *fos.* '38, 581.
Archbold, Richard, and **Rand**, A. L.

- New Guinea Expedition, 1936–1937 (rev.), '40, 426–427.
archboldi (Newtonia), see *Newtonia*.
 — (*Sauromarptis*), see *Sauromarptis*.
Archboldia papuensis, *N. Guinea*, '40, 593.
Archer, Sir Geoffrey, and **Godman**, Eva M.
 The birds of British Somaliland and the Gulf of Aden (rev.), '38, 560–561.
archeri (Falco), see *Falco*.
archiepiscopus (*Tachyphonus*), see *Thraupis ornata*.
Archilochus alexandri (^aBlack-chinned Hummingbird), *Mex.* '40, 236, 238.—*wt.* '38, 513^a, 514; *wing area*, '38, 511^a, 514.
colubris (^aRuby-throated Hummingbird), *Acadia*, '39, 289^a, '40, 80^a; *Ala.* '33, 369; *Ky.* '35, 88; *La.* '38, 280; *Me.* '33, 125^a; *Mich.* '39, 352^a; *N. F.* '37, 35; *N. H.* '38, 154^a; *N. Y.* '33, 408^a, '37, 420^a; *N. S.* '37, 35; *S. C.* '31, 532–537^a; *Va.* '34, 84, '35, 187.—*dist.* '39, 160^a; *egg.* '40, 57^a; *feather count*, '36, 165^a, 166^a, '38, 654, 655; *flight*, '33, 315^a, '34, 84, '38, 147^a, 154^a, 512^a; *fd.* '37, 420^a; *hbt.* '31, 532–537^a, '33, 408–413^a, '35, 187, 310, '37, 420^a, '39, 289^a, 315^a; *incub.* '40, 57^a, 59^a; *nest*, '35, 88; *wt.* '31, 574, '38, 442, 514, 654, 655; *wing area*, '38, 514; *misc.* '34, 202^a, '35, 452^a, '36, 118^a, 359^a, 472^a, '37, 217^a, '39, 443^a.
arctica (*Calidris*), see *Pelidna*.
 — (*Fratercula*), see *Fratercula*.
 — (*Gavia*), see *Gavia*.
 — (*Pelidna*), see *Pelidna*.
 — (*Pyrgita*), see *Pipilo*.
arctica (*Otocoris*), see *Otocoris*.
arcticus (*Cephus*), see *Cephus*.
 — (*Colymbus*), see *Gavia*.
 — (*Picoides*), see *Picoides*.
 — (*Pipilo*), see *Pipilo*.
arctoa (*Leucosticte*), see *Leucosticte*.
arctolegus (*Agelaius*), see *Agelaius*.
arcuatus (*Numenius*), see *N. arquatus*.
Ardea adoxa (West Indian Great Blue Heron), *Antigua*, '34, 355, '39, 304.—*meas.* '39, 304; *tax.* '35, 76.
cinerea (^aGray Heron, European Heron, Common Heron), *G. Br.* '37, 224^a, '39, 106, 360^a.—*anat.* '38, 310; *dist.* '33, 201; *fd.* '31, 316, '37, 227^a; *hbt.* '37, 227^a, '38, 34–35.
cocoi (*Cocoi Heron*), *Venez.* '35, 329.
fannini (^aNorthwest Coast Heron), *eye*, '38, 227^a, 242^a, 243^a.
herodias (^aGreat Blue Heron), *Acadia*, '40, 81^a; *Ark.* '31, 236; *Atlantic*, '32, 99^a; *Conn.* '32, 342; *Cuba*, '32, 457,

- '33, 206; *Great Lakes*, '32, 235^a; *Ill.* '32, 78, '39, 73^a; *Ia.* '40, 593^a; *Me.* '31, 423^a, 592, '37, 234^a; *Mass.* '34, 510; *Minn.* '40, 412^a; *N. J.* '34, 368, '40, 106; *N. Y.* '31, 279^a, 567-569, '33, 427^a, '38, 120^a, 518^a, '39, 470^a; *N. S.* '31, 112^a; *O.* '31, 367, '36, 360; *Ont.* '36, 322; *Pan.* '32, 457; *Pa.* '31, 113^a, 259, '38, 547-548; *Sask.* '38, 518^a; *S. C.* '40, 413; *Tex.* '38, 63; *V. I.* '38, 553; *Va.* '36, 263^a, 266^a; *W. Va.* '33, 94^a, '38, 128.—*band.* '32, 457, '33, 206, '40, 591^a; *destr.* '38, 547-548, '40, 282^a; *egg.* '40, 55^a; *flight.* '33, 314^a, 452^a; *incub.* '40, 55^a, 58^a; *mig.* '33, 427^a; *nest.* '31, 567; *pl.* '31, 568; *wt.* '31, 573, '38, 517; *wing area.* '38, 517; *misc.* '35, 483^a, '38, 598^a, '40, 530.
- occidentalis** (*Great White Heron), *Fla.* '32, 236, '35, 180^a, 462, '36, 59^a, 341^a, 347 (2), '39, 140, '40, 105, 131^a, 281^a, 289^a.—*census.* '40, 281^a; *fd.* '39, 138^a, 140-141; *protec.* '39, 212-213^a, 216^a, 218^a, '40, 281^a, 289^a; *tax.* '35, 76; *misc.* '36, 62^a, 118^a, '39, 169^a.
- purpurea** (Purple Heron), *band.* '34, 427; *fd.* '32, 259, '33, 150; *misc.* '38, 34.
- treganzai** (*Treganza's Heron), *Ida.* '34, 39; *Mex.* '35, 251; *Okla.* '38, 502; *Utah.* '36, 289-294.—*destr.* '36, 291-292; *fd.* '36, 291^a; *nest.* '34, 39-41, '36, 289, 290.
- wardi** (*Ward's Heron), *Ark.* '38, 285; *Fla.* '36, 100^a, 347 (subsp.?), '40, 105; *Okla.* '38, 121-122; *Tex.* '38, 63^a.
- würdemanni** (*Würdemann's Heron), *Fla.* '33, 370, '36, 347^a, '40, 105.
- Ardeidae**, *eye.* '38, 237; *hbt.* '36, 439; *mig.* '37, 547; *nid.* '38, 199.
- Ardeines**, '35, 360.
- Ardenna**, *tax.* '37, 110; *misc.* '37, 565.
- Ardeola continentalis**, *Siam.* '33, 384.
- ralloides** (*Rail Heron), *Fr.* '31, 468.—*fd.* '40, 594^a.
- ardeola** (Dromas), see Dromas.
- ardesiaca** (Rhopornis), see Rhopornis.
- Ardley**, R. A. B.
- The birds of the South Orkney Islands (rev.), '36, 459-460.
- arenacea** (Spizella), see Spizella.
- Arenaria interpres** (*European Turnstone), *S. C.* '32, 238 (err., see '36, 441).—*dist.* '33, 203; *fd.* '40, 588^a; *hbt.* '40, 588^a; *misc.* '32, 264.
- melanocephala** (Black Turnstone), *Mex.* '35, 252.
- morinella** (*Ruddy Turnstone, Turnstone), *Antigua.* '34, 358; *Baf. I.* '40, 14^a, 20^a; *Conn.* '33, 444; *Fla.* '34, 98^a, '36, 100^a; *Hond.* '36, 186, 189; *Ill.* '34, 101; *Ia.* '35, 84; *Ky.* '38, 678; *Mass.* '33, 367, '34, 390, '37, 388-389; *Mex.* '35, 252; *Mich.* '34, 22, '35, 200; *N. F.* '37, 24; *N. J.* '31, 419^a, 421, 422^a, '32, 470-474; *N. Y.* '36, 446^a; *N. C.* '33, 231, '34, 94^a, '35, 318, '37, 453, 462; *N. S.* '40, 81^a; *Pan.* '35, 326; *Pa.* '31, 113^a, '32, 234; *S. C.* '36, 441, '40, 401-402^a; *Tex.* '38, 66; *Va.* '33, 452^a; *W. I.* '34, 103, '36, 100; *W. Va.* '39, 76.—*colors.* '36, 189; *fd.* '33, 99, 452^a, '34, 358; *hbt.* '31, 183^a, '33, 99; *mig.* '38, 66; *misc.* '31, 195-197.
- arfakiana** (Gerygone), see Sericornis.
- (Sericornis), see Sericornis.
- Arfakornis**, *tax.* '37, 416.
- argentatus** (Larus), see Larus.
- (Larus), see L. smithsonianus.
- argentaureis** (Mesia), see Mesia.
- argentea** (Mixornis), see Mixornis.
- argenteus** (Larus), see L. argentatus.
- argentifrons** (Scytalopus), see Scytalopus.
- argentigula** (Cyanolyca), see Cyanolyca.
- Argentina.**
- Belcher, C. F., '37, 218 (rev.).
- Castillo, S. R., '38, 570 (rev.).
- Daguerre, J. B., '37, 219 (rev.).
- Davis, D. E., '40, 472-484.
- Dinelli, L. M., '39, 101 (rev.).
- Harper, E. C., and Drabble, L., '37, 221 (rev.).
- Kelso, L., and Kelso, E. H., '35, 450.
- Marelli, C. A., '35, 112 (rev.).
- Orfila, R. N., '37, 225 (rev.), '38, 578 (rev.), '39, 106 (rev.).
- Pereyra, J. A., '38, 578 (rev.), '39, 107 (rev.), 358 (rev.).
- Steullet, A. B., and Deautier, E. A., '36, 355 (rev.), '39, 499 (rev.).
- Wetmore, A., '39, 475-476.
- Zotta, A., '37, 230 (rev.), '38, 584 (rev.), '39, 110 (rev.).
- Zotta, A., and da Fonseca, S., '37, 231 (rev.), '38, 584 (rev.).
- Argus**, Crested, see Rheinardia ocellata.
- argutula** (Sturnella), see Sturnella.
- Argya**, *nomen.* '36, 240.
- argyrophrys** (Carpodacus), see Carpodacus.
- Argyropulo**, Anatole Ivanovich.
- Materials for a study of the ornithology of southern Tzaritzin (rev.), '31, 298.
- argyrotis** (Penelope), see Penelope.
- (Pipile), see Penelope.
- aricomae** (Upucerthia), see Upucerthia.
- aridus** (Malurus), see Malurus.
- arileucus** (Picumnus), see Picumnus.
- aristotelis** (Phalacrocorax), see Phalacrocorax.
- Arizelocichla masukuensis**, *Afr.* '40, 313.
- nid.* '40, 313.

- roehli, *Afr.* '40, 319.—*fledg., incub.*, '40, 319.
- Arizona.**
- Amadon, D., '40, 257.
- Amadon, D., and Phillips, A. R., '39, 183-184.
- Anderson, A. H., '34, 84-85.
- Bailey, Florence M., '40, 124 (rev.).
- Baumgartner, F. M., '34, 537-538, '35, 104.
- Borell, A. E., '36, 298-300.
- Brandt, H., '37, 62-64.
- Brooks, A., '37, 160-163.
- Grater, R. K., '35, 443, '36, 218.
- Hargrave, L. L., '36, 211, '40, 127 (rev.).
- Huey, L. M., '39, 320-325.
- Jenks, R., '38, 574 (rev.).
- Moore, R. T., '39, 313-319.
- Moore, R. T., and Peters, J. L., '39, 40.
- Oberholser, H. C., '31, 294-295 (rev.).
- Phillips, A. R., '40, 117-118.
- Phillips, P., '37, 203.
- Van Rossem, A. J., '40, 594 (rev.).
- Van Rossem, A. J., and Hachisuka, Marquess, '38, 309 (rev.).
- Walsh, L. L., '33, 124.
- Woodbury, A. M., '40, 133 (rev.).
- arizonae (Peucedramus), see *P. olivaceus*.
- (Spizella), see *Spizella*.
- Arkansas.**
- Baerg, W. J., '31, 301 (rev.).
- Black, J. D., '33, 206, 436, '35, 90.
- Crooks, F. D., '39, 477.
- Deaderick, W. H., '35, 324, '36, 349-350, 455-456, '37, 204, '38, 285-286, '39, 354 (rev.).
- DuMont, P. A., '33, 362.
- Gregg, H. R., '35, 452.
- Hunt, C. J., '31, 235-239.
- Merrill, D. E., '35, 191.
- Owens, C. M., '35, 314.
- Quay, T. L., '38, 674-675.
- armenicus (Larus), see *Larus*.
- arminjoniana (Pterodroma), see *Pterodroma*.
- Armstrong, Edward Elton, 1878-1930.
- Obituary, '31, 85.
- Armstrong, John S.
- Hand-list to the birds of Samoa (rev.), '32, 376-377.
- Arnold, Edward, 1864-1930.
- Obituary, '31, 85.
- Arnold, John Ronald, and Sutton, G. M.
- see Sutton and Arnold.
- Arquatella, *tax.* '34, 540; *misc.* '40, 122.
- maritima (*Purple Sandpiper), *Baf. I.* '40, 14^a, 20^a; *Fla.* '40, 402; *Ga.* '40, 402; *Labr.* '37, 24; *Me.* '37, 547, '38, 551; *N. H.* '34, 391, '37, 547; *N. J.* '32, 470-474^a, '40, 402; *Nor.* '37, 108; *O.* '38, 528; *S. C.* '40, 401-402.—*fd.* '37, 25, '40, 402; *meas.* '37, 24-25; *paras.* '37, 41; *wt.* '37, 24-25.
- arquatrix (Columba), see *Columba*.
- arquatus (Numenius), see *Numenius*.
- Arremon, *tax.* '37, 212.
- aurantiostrius, *Pan.* '39, 309.
- Arremonops centratus, *tax.* '36, 193.
- richmondi, *Hond.* '36, 193.—*colors.*, '36, 193.
- rufivirgatus (Texas Sparrow), *Tex.* '40, 257.—*cowbird host.*, '40, 257.
- striaticeps (Lafresnaye's Sparrow), *Pan.* '35, 327.
- Arribalzaga, Enrique Lynch, 1856-1935.
- Obituary, '36, 483, '37, 125.
- Arses kaupi, *misc.* '31, 467.
- lorealis, *misc.* '31, 467.
- Artamus leucorynchus (White-bellied Swallow-shrike), *P. I.* '38, 220.—*hbt., nid.*, '38, 220.
- artemisiae (Molothrus), see *Molothrus*.
- Arthur, Stanley Clisby.
- The birds of Louisiana (rev.), '32, 370-371.
- Audubon; an intimate life of the American woodsman (rev.), '37, 551-552.
- Artisornis, *Afr.* '39, 106.
- aruensis (Monarcha), see *Monarcha*.
- arundinaceus (Thryothorus), see *T. ludovicianus*.
- Arundinicola leucocephala (White-headed Marsh Tyrant), *hbt.* '31, 52, 54, 55.
- arvensis (Alauda), see *Alauda*.
- ascalaphus (Bubo), see *Bubo*.
- Ashbrook, Frank Getz.
- Birds of America (rev.), '32, 123-124.
- Asia (general).**
- Greenway, J. C., Jr., '40, 550-560.
- Snouckaert van Schauburg, Baron, '37, 420 (rev.).
- asiatica (Eupoda), see *Eupoda*.
- asiaticus (Charadrius), see *Eupoda*.
- (Xenorhynchus), see *Xenorhynchus*.
- Asio, *tax.* '38, 180.
- aequatorialis (Equatorial Short-eared Owl), *foot.* '36, 55.
- bogotensis (Colombian Short-eared Owl), *foot.* '36, 55.
- domingensis (Hispaniolan Short-eared Owl), *W. I.* '32, 108.—*avic.* '32, 108; *foot.* '36, 55; *nid.* '32, 108.
- flammeus (*Short-eared Owl, Swamp Owl, ^bStrix, ^caccipitrinus), *Ark.* '33, 436; *Atlantic.* '31, 134; *Conn.* '34, 522; *C. R.* '34, 553^a; *Ga.* '31, 282; *Germ.* '39, 346^a; *G. Br.* '40, 428^a; *Ja.* '39, 36; *Jerusalem.* '33, 184; *Mass.* '34, 522; *Mich.* '39, 234; *Minn.* '33, 436; *O.* '31, 377^a;

S. C. '31, 282; Va. '31, 425; Wash. '34, 538; W. Va. '39, 187-188; Wyo. '38, 142;—*alb.* '33, 436; *behav.* '38, 150; *eye*, '38, 231; *fd.* '31, 640, '34, 258, 416, 417, '39, 108, 187, '40, 165; *foot*, '36, 52, 55; *hbt.* '31, 640, '34, 522, '36, 127, '38, 211; *mig.* '35, 351; *nomen.* '40, 418; *wt.* '31, 573; *misc.* '32, 140, '36, 72, 115, 472, '37, 566, '38, 180, '39, 94, 355, '40, 80, 262.

noctipetens (Stygian Owl), W. I. '32, 108.—*avic.* '32, 108.

otus (*Long-eared Owl), *fd.* '34, 258, 416, 417, '40, 132; *foot*, '36, 55; *mig.* '35, 351; *misc.* '38, 180.

ponapensis, Carolina I., '33, 380.

portoricensis (Porto Rican Short-eared Owl), *foot*, '36, 55.

robustus (Sartorius's Stygian Owl), Mex. '34, 522.—*descr.* '34, 522; *foot*, '36, 51.

sandwichensis (Hawaiian Owl), H. I. '40, 589.

stygius (Stygian Owl, ^bNyctalops), Bras. '34, 522.—*foot*, '36, 51, 55; *nomen.* '34, 522.

suindus (South American Short-eared Owl, ^bbreviauris), *foot*, '36, 55; *syn.* '38, 184, 184^b.

wilsonianus (*Long-eared Owl), Ark. '33, 436; Mich. '38, 187-196, '40, 439; Nev. '35, 467; N. H. '35, 97; Va. '33, 105, '40, 422-423; Wash. '40, 269.—*eye-shine*, '35, 468; *flight*, '38, 196; *fd.* '33, 105, '34, 260, '38, 189, 195, '40, 269; *foot*, '36, 55; *hbt.* '36, 127, '38, 195; *injury-feigning*, '40, 423; *mig.* '38, 195; *nest*, '33, 105, '35, 468; *note*, '35, 467; *pellets*, '38, 188-195; *wt.* '38, 514, 516; *wing area*, '38, 516; *misc.* '36, 72, '40, 262.

asio (Otus), see Otus.

— (Otus), see O. naevius.

Asionidae, *tax.* '38, 179.

Aspatha gularis (Blue-throated Motmot), *incub.* '37, 143; *song*, '37, 137; *misc.* '35, 267.

aspersus (Megascops), see Otus.

— (Otus), see Otus.

Aspinwall, Mrs. Clarence Akin, 1878-1934.

Obituary, '36, 68.

assimilis (Poospiza), see Poospiza.

assumptionis (Egretta), see Egretta.

Asthenes, Peru, '39, 205.

chacoensis, Parag. '39, 100.

flammulata, Ecuad. '34, 151.

Astley, Arthur, — 1936.

Obituary, '37, 125.

Astrapia mayeri, N. Guinea, '39, 360.

astrild (Estrilda), see Estrilda.

astrologus (Ixobrychus), see Ixobrychus.

Astur atricapillus (*Eastern Goshawk, American Goshawk, Goshawk), *Acadia*, '39, 287; '40, 79; *Conn. Val.* '32, 360; *Labr.* '37, 21; *Md.* '35, 461; *Mass.* '31, 424; *Mex.* '35, 422; *Mich.* '34, 24, '38, 523; *N. H.* '34, 80; *O.* '34, 401; *Ont.* '39, 411-419; *Pa.* '34, 19, '35, 237, 243, '36, 72, '38, 123, 522, '39, 429, 432-437, '40, 248; *Utah*, '31, 618; *Va.* '33, 192, 194; *Wisc.* '35, 15.—*anal.* '32, 463; *destr.* '39, 433; *egg*, '31, 424, '40, 55; *fluctuating nos.* '39, 411-419; *fd.* '34, 401, '38, 123; *incub.* '40, 55, 58; *life hist.* '35, 15-20; *meas.* '38, 124; *mig.* '34, 19, 24, '35, 237, 243, '39, 432-433, 435, '40, 248; *nest*, '31, 424, '34, 80, '35, 15, '38, 523, '40, 430; *note*, '38, 523; *pl.* '35, 16; *sex ratio*, '38, 522; *wt.* '38, 123-124, 514, 517; *wing area*, '38, 517; *young*, '38, 523; *misc.* '36, 110, 463, '37, 43, '39, 441, '40, 79, 252.

chorassanicus, Transcaspa, '31, 157.

gallinarum (*Goshawk), Germ. '37, 419.

gentilis (*Goshawk, ^bAccipiter, ^apallumbarius), Germ. '39, 346.—*fd.* '34, 124, 258, 417; *hbt.* '34, 123, '38, 522, '39, 201.

laingi, Queen Charlotte Is. '40, 594.

marginatus (^bAccipiter), *hbt.* '34, 123.

melanoleucus (^bAccipiter), *misc.* '35, 485.

striatulus (*Western Goshawk), Calif. '38, 571; *Utah*, '31, 618.—*fd.* '31, 618, '38, 571; *nid.* '38, 571.

Asturina micrus, Hond. '36, 187.—*colors*, '36, 187; *fd.* '36, 188.

plagiata (Mexican Goshawk), Ariz. '39, 183.—*fd.*, *nest*, *plm.*, *wt.*, '39, 183-184.

Asyndesmus lewis (*Lewis's Woodpecker), Ariz. '36, 298; B. C. '38, 297.—*hbt.* '38, 297; *type loc.* '34, 552.

atacamensis (Rhodopsis), see Rhodopsis.

Ateleodacnis bicolor (Bicolored Ateleodacnis), Trin. '38, 44.—*cowbird host*, '38, 41-44.

margaritae, Bras. '31, 570.—*descr.*, *meas.*, *tax.*, '31, 570-571.

Ateleodacnis, Bicolored, see Ateleodacnis bicolor.

ater (Manucodia), see Manucodia.

— (Molothrus), see Molothrus.

— (Parus), see Parus.

aterrimus (Probosciger), see Probosciger.

— (Psittacus), see Probosciger.

Athene dimorpha (^bUroglau), N. Guinea, '38, 151.—*tax.* '38, 151.

- glauca** (Southern Little Owl), *Jerusalem*, '33, 184.
noctua (*Little Owl), *G. Br.* '39, 196*, '40, 428*.—*fd.* '34, 258, 417; *mig.* '35, 351.
orientalis, *nomen*. '31, 638.
vidalii (*Little Owl), *G. Br.* '35, 478*, '36, 363*, '38, 303*, 561–562*.—*fd.* '35, 478*, '38, 303*, 561–562*, 573*.
- Atherton**, Edward Herbert, — 1935.
 Obituary, '36, 68.
Atkins, John Wyley, 1857–1932.
 Obituary, '33, 153–154.
atkinsi (Sitta), see Sitta.
Atkinson, Norman Jefcoate, 1902–1932.
 Obituary, '34, 69, 135–136.
- Atlanta Bird Club**.
 Announcement of publication of 'The Oriole,' '36, 259.
- Atlantic Ocean**.
 Bagg, A. C., '32, 83–84.
 Deignan, H. G., '39, 326–327.
 Holt, E. G., '32, 99–100.
 Hutt, F. B., '32, 184–190.
 Martin, C. P., '40, 274 (rev.).
 Murphy, R. C., '34, 413 (rev.).
 Sprunt, A., Jr., '31, 133–134, '32, 86.
 Van Oordt, G. J., '39, 500 (rev.).
 Venables, L. S. V., '38, 583 (rev.), '40, 277 (rev.).
 Woodcock, A. H., '40, 219–224.
 Wynne-Edwards, V. C., '35, 206–207 (rev.).
- atlantica* (Chen), see Chen.
 — (Diomedella), see Diomedella.
 — (Melospiza), see Melospiza.
 — (Otocoris), see Otocoris.
 — (Procellaria), see Procellaria.
atlantis (Columba), see Columba.
- Atlapetes**, *tax.* '37, 212.
azuarensis, *Pan.* '38, 144.
pileatus (Rufous-capped Sparrow), *Mex.* '40, 236, 243.
atra (Fulica), see Fulica.
atrata (Zoothera), see Zoothera.
atratus (Canachites), see Canachites.
 — (Coragyps), see Coragyps.
 — (Passerculus), see Passerculus.
atremaeus (Spizella), see Spizella.
atricapilla (Heteronetta), see Heteronetta.
 — (Sylvia), see Sylvia.
atricapillus (Astur), see Astur.
 — (Parus), see Parus.
 — (Penthestes), see Penthestes.
 — (Perissotriccus), see Perissotriccus.
 — (Philydor), see Philydor.
atriceps (Cnemidax), see Empidonax.
 — (Empidonax), see Empidonax.
 — (Saltator), see Saltator.
- Atrichornis clamosa** (Noisy Scrub Bird), *Australia*, '39, 353.
atricilla (Larus), see Larus.
atricristatus (Baeolophus), see Baeolophus.
atrifrons (Pluvialis), see Pluvialis.
atrigularis (Metallura), see Metallura.
 — (Prunella), see Prunella.
 — (Turdus), see Turdus.
atrinuchus (Thamnophilus), see Thamnophilus.
atrocaudata (Terpsiphone), see Terpsiphone.
atroglaris (Penelope), see Penelope.
 — (Spizella), see Spizella.
atrothorax (Sphyrapicus), see S. varius.
atroviolacea (Ptiloxena), see Ptiloxena.
- Atthis heloisa** (Heloise's Hummingbird), *Mex.* '37, 195.
margarethae (Margaret's Hummingbird), *Mex.* '39, 444–446.
atthis (Alcedo), see Alcedo.
- Attila**, *Peru*, '37, 230.
cinnamomea, *Mex.* '37, 197.
flammulatus, *misc.* '37, 233.
hellmayri, *Braz.* '36, 109.
phoenicurus, *tax.* '37, 230.
- Attwater**, Henry Philemon, 1854–1931.
 Obituary, '32, 69, 144–145.
atwoodi (Ara), see Ara.
aucklandica (Coenocorypha), see Coenocorypha.
 — (Nesonetta), see Nesonetta.
audax (Aphanotriccus), see Aphanotriccus.
 — (Uroaetus), see Uroaetus.
audreyana (Leucosticte), see Leucosticte.
- Audubon**, John James [Laforest], 1785–1851.
 [Copper-plates], '31, 284, '34, 343–349, '38, 288.
 [The Audubon Home, Inc.], '32, 277.
 [Contemporary newspaper item], '32, 524.
 [Canadian letters], '34, 269.
 [Sesquicentennial of birth], '35, 356.
 [Audubon Memorial Museum (erection)], '37, 425.
 [His work compared with that of Fuertes], '37, 560 (rev.).
- Audubon**, J. J., and **Vogt**, W.
 The birds of America (rev.), '38, 289–290.
- Audubon Societies**.
 The [Illinois] Audubon Bulletin (rev.), '31, 289, '32, 378, '39, 103.
 The [Indiana] Audubon Year Book (rev.), '31, 628, '32, 505, '33, 458, '34, 547, '35, 477.
 The [Massachusetts] Audubon Bulletin (rev.), '36, 260.

- auduboni (*Dendroica*), see *Dendroica*.
 — (*Dryobates*), see *Dryobates*.
 — (*Hylocichla*), see *Hylocichla*.
 — (*Icterus*), see *Icterus*.
 — (*Phoebastria*), see *Phoebastria*.
 — (*Polyborus*), see *Polyborus*.
 — (*Puffinus*), see *P. lherminieri*.
Auduboniana.
 Herrick, F. H., '37, 476–499.
 Knappen, Phoebe, '34, 343–349, '38, 288.
 Lewis, H. F., '34, 269 (rev.).
 Lownes, A. E., '35, 103–104, 154–168.
 May, J. B., '31, 284.
 Stone, W., '32, 277, 524.
 Watters, R. C., '39, 500 (rev.).
 Auger, Flying, see *Colaptes luteus*.
 Auk, Great, see *Plautus impennis*.
 Little, see *Alle alle*.
 Razor-billed, see *Alca torda*.
 Auklet, Cassin's, see *Ptychoramphus aleuticus*.
 Crested, see *Aethia cristatella*.
 Rhinoceros, see *Cerorhinca monocerata*.
 Whiskered, see *Aethia pygmaea*.
Aulacorhynchus chiapensis, *Mex.* '40, 546*.—*descr.*, *meas.*, '40, 546.
 maxillaris (Green Toucan), *Pan.* '39, 310.—*hbt.* '39, 310.
 prasinus, *misc.* '37, 195.
 stenorhabdus, *Guat., Sal.*, '40, 546.—*meas.* '40, 546.
 wagleri, *Mex.* '37, 195.
 aura (*Cathartes*), see *Cathartes*.
 aurantiicapilla (*Habia*), see *Habia*.
 aurantirostris (*Arremon*), see *Arremon*.
 aurantio-atro-cristatus (*Empidonomus*), see *Empidonomus*.
 auratus (*Colaptes*), see *Colaptes*.
 aureatus (*Myiobius*), see *Myiobius*.
 aureiventris (*Pseudochloris*), see *Pseudochloris*.
 aureola (*Emberiza*), see *Emberiza*.
 aureo-ventris (*Pheucticus*), see *Pheucticus*.
 aureus (*Turdus*), see *Turdus*.
 auricollis (*Icteria*), see *I. longicauda*.
 — (*Tanagra*), see *Icteria longicauda*.
 auricularis (*Puffinus*), see *Puffinus*.
 auriculata (*Zenaida*), see *Zenaida*.
 — (*Zenaidura*), see *Zenaidura*.
 aurifrons (*Serinus*), see *S. grotei*.
Auriparus flaviceps (*Arizona Verdin*, *Verdin*, *bacaciarum*), *Calif.* '31, 633^b; *Mex.* '35, 254^b; *Tex.* '35, 99.—*tax.* '35, 106.
 fraterculus, *Mex.* '31, 307.
 ignatus, *L. C.* '31, 460.
Auripasser tilemsiensis, *Sudan*, '33, 254.
 aurita (*Pisobia*), see *P. acuminata*.

- (*Sporophila*), see *Sporophila*.
 — (*Zenaida*), see *Zenaida*.
 auritum (*Crossoptilon*), see *Crossoptilon*.
 auritus (*Arceuthornis*), see *Arceuthornis*.
 — (*Colymbus*), see *Colymbus*.
 — (*Phalacrocorax*), see *Phalacrocorax*.
 auropallatus (*Seiurus*), see *Seiurus*.
 auropallatus (*Amazona*), see *Amazona*.
 — (*Chrysotis*), see *Amazona*.
 auropectoralis (*Sturnella*), see *Sturnella*.
 aurora (*Loboparadisea*), see *Loboparadisea*.
 auspicabilis (*Bubo*), see *Bubo*.
 aussae (*Cercomela*), see *Cercomela*.
Austin, Oliver Luther, and **Austin**, O. L., Jr.
 Food-poisoning in shore birds, '31, 195–197.
Austin, Oliver Luther, Jr.
 Clay-colored sparrow on Cape Cod, '31, 126–127.
 The breeding of the blue-winged teal in Maryland, '32, 191–198.
 The birds of Newfoundland Labrador (rev.), '33, 127–128.
 austini (*Pulsatrix*), see *Pulsatrix*.
Australia.
 Baker, J. R., '40, 124 (rev.).
 Boehm, E. F., '40, 125 (rev.), 269 (rev.).
 Brandon, T., '38, 690 (rev.).
 Bryant, C. E., '39, 100 (rev.), '40, 430 (rev.).
 Cameron, A. C., '39, 353 (rev.).
 Campbell, A. G., '39, 353 (rev.).
 Cayley, N. W., '32, 371–372 (rev.), '33, 132–133 (rev.).
 Chisholm, A. H., '32, 248–249 (rev.), '33, 385–395, '35, 108–109 (rev.), '40, 430 (rev.).
 Chisholm, E. C., '40, 588 (rev.).
 Cleland, J. B., '37, 407 (rev.), '38, 146 (rev.), 690 (rev.).
 Coleman, Edith, '39, 493 (rev.).
 Condon, H. T., '39, 101 (rev.), 493 (rev.).
 Cotton, B. C., '40, 126 (rev.).
 D'Ombain, A. F., '39, 101 (rev.).
 Elliott, A. J., '39, 101–102 (rev.).
 Ey, A., '40, 431 (rev.).
 Falla, R. A., '38, 691 (rev.).
 Favaloro, N., '40, 588 (rev.).
 Finlayson, H. H., '39, 202 (rev.).
 Fleay, D. H., '37, 407–408 (rev.).
 Gilbert, P. A., '40, 271 (rev.).
 Gwynne, A. J., '38, 572 (rev.).
 Hindwood, K. A., '37, 563 (rev.), '39, 356 (rev.), '40, 128 (rev.), 433 (rev.).
 Hyem, E. L., '37, 563–564 (rev.).
 Iredale, T., '38, 574 (rev.).
 Jarman, H. E. A., '40, 434 (rev.).

- Lamond, H. G., '35, 333-334 (rev.).
 Lashmar, A. F. C., '39, 104 (rev.), 356 (rev.), 496 (rev.).
 Lewis, F., '40, 128 (rev.).
 Lord, E. A. R., '39, 357 (rev.), '40, 273 (rev.).
 Mack, G., '37, 415 (rev.).
 Mattingley, A. H. E., '39, 105 (rev.).
 McGilp, J. N., '38, 305 (rev.).
 McKeown, K. C., '35, 342 (rev.), '40, 274 (rev.).
 Miller, R. S., '37, 416 (rev.), 565 (rev.).
 Porter, S., '40, 275 (rev.).
 Rix, C. E., '38, 307 (rev.), 697 (rev.), '40, 131 (rev.).
 Roberts, N. L., '40, 437 (rev.).
 Robinson, A., '39, 499 (rev.).
 Sedgwick, E. H., '38, 697 (rev.).
 Serventy, D. L., '38, 580 (rev.), 697 (rev.), '39, 107 (rev.), 108 (rev.), 359 (rev.), '40, 275 (rev.).
 Sharland, M. S. R., '39, 108 (rev.).
 Symon, O., '40, 439 (rev.).
 Thompson, D. F., '36, 464-465 (rev.).
 Waterhouse, J. D., '40, 277 (rev.).
 White, C. M. N., '38, 699 (rev.), '39, 208 (rev.).
 Whitley, G. P., '39, 110 (rev.).
 Whitlock, F. L., '40, 133 (rev.).
 Whittell, H. M., '39, 110 (rev.), 361 (rev.), '40, 277 (rev.).
 Wood Jones, F., '37, 423 (rev.), '40, 590 (rev.).
australis (Ammodramus), see Ammodramus.
 — (Empidonax), see E. axillaris.
 — (Leucosticte), see Leucosticte.
 — (Myiarchus), see Myiarchus.
 — (Nasica), see Nasica.
 — (Ostinops), see Ostinops.
 — (Peltodyas), see Peltodyas.
 — (Rostratula), see Rostratula.
 — (Sialia), see Sialia.
 — (Struthio), see Struthio.
 — (Synoicus), see Synoicus.
 — (Tchagra), see Tchagra.
Australocorax, *tax*. '34, 262.
Austria.
 Franke, H., '37, 561 (rev.).
 Gerber, R., '40, 271 (rev.).
Automolus, *Peru*, '35, 480.
 fumosus, *syn.* '37, 196.
 guerrensis, *Mex.* '37, 195.—*plm.* '37, 195.
 pallidigularis (Pale-throated Automolus), *Pan.* '35, 327.
 pectoralis, *syn.* '37, 196.
 rubiginosus, *misc.* '37, 195.
 rufipectus, *tax.* '37, 195.
 umbrinus, *Guat., Hond.,* '37, 196.—*tax.* '37, 196.
 veraepacis, *Guat.* '37, 196.—*plm.* '37, 196; *tax.* '37, 195.
 xantippe, *Pan.* '33, 139.—*syn.* '37, 196.
Automolus, Pale-throated, see Automolus pallidigularis.
autumnalis (Amazona), see Amazona.
 — (Dendrocycna), see Dendrocycna.
Avery, Carlos, 1868-1930.
 Obituary, '31, 85, 322-323.
Aviculture.
 Abrahams, C. N., '40, 269 (rev.).
 Anderson, J. A., '38, 568 (rev.).
 Benchley, Belle J., '32, 77-78.
 Boosey, E., '40, 269 (rev.).
 Brown, C. E., '32, 372 (rev.).
 Casal, P. S., '39, 100 (rev.).
 Cayley, N. W., '33, 132-133 (rev.).
 Chawner, E. F., '40, 588 (rev.).
 Davis, G., '39, 493-494 (rev.).
 Davis, M., '31, 270, 604, '35, 178.
 Delacour, J., '38, 691 (rev.), '39, 101 (rev.), 494 (rev.), '40, 270 (rev.).
 Delacour, J., et al., '37, 557-558 (rev.).
 Hampe, H., '38, 573 (rev.), '39, 102 (rev.), 495 (rev.), '40, 272 (rev.).
 Heinroth, O., '39, 355 (rev.).
 Higham, W. E., '39, 495 (rev.).
 Hill, W. C. O., '40, 272 (rev.).
 Jones, T., '40, 434 (rev.).
 Laidlay, J. C., '40, 590 (rev.).
 Lendon, A., '40, 273 (rev.), 435 (rev.), 590 (rev.).
 Lescarbours, A., '40, 273 (rev.).
 McAtee, W. L., '35, 128-129.
 McLean, C., '40, 592 (rev.).
 Moody, A. F., '33, 133 (rev.), '40, 592 (rev.).
 Naether, C., '37, 417 (rev.).
 Neunzig, R., '40, 130 (rev.).
 Plath, K., '31, 127, '33, 121, '39, 498 (rev.).
 Porter, S., '37, 418 (rev.), '40, 437 (rev.).
 Seth-Smith, D., '40, 438 (rev.).
 Sibley, C. L., '39, 359 (rev.), '40, 276 (rev.), 593 (rev.).
 Smith, J., '38, 698 (rev.).
 Steinbacher, G., '38, 698 (rev.).
 Tavistock, Marquess of, '38, 582 (rev.).
 Von Hagen, V. W., '38, 310 (rev.).
 Wetmore, A., '39, 208 (rev.).
 Wharton-Tigar, N., '37, 423 (rev.).
 Wormald, H., '39, 361 (rev.).
avita (Sula), see Sula.
Avocet, see *Recurvirostra americana*.
American, see *Recurvirostra americana*.
European, see *Recurvirostra avosetta*.
avosetta (*Recurvirostra*), see *Recurvirostra*.
axillaris (*Empidonax*), see *Empidonax*.

- (Pachycephalopsis), see Pachycephalopsis.
Axtell, Harold Hamilton.
 The song of Kirtland's warbler, '38, 481-491.
Axtell, H. H., and **Brand**, A. R.
 see Brand and Axtell.
Ayer, Ethel Capen (Mrs. Nathan Edward Ayer).
 A diurnal horned owl courtship, '38, 532.
Aymar, Gordon C.
 Bird flight (rev.), '36, 236.
azteca (Cyanocitta), see Cyanocitta.
azuereensis (Atlapetes), see Atlapetes.

B

- Babax lumsdeni**, *Tibet*, '38, 693.
bacatus (Picoides), see Picoides.
bachmani (Aimophila), see Aimophila.
 — (Haematopus), see Haematopus.
 — (Vermivora), see Vermivora.
bactriana (Pica), see Pica.
Badé, William Frederic, 1871-1936.
 Obituary, '37, 125.
badius (Agelaioides), see Agelaioides.
Baeolophus, *tax*, '35, 105.
 atricristatus (Black-crested Titmouse), *Tex*, '35, 99.
 bicolor (*Tufted Titmouse), *Ark*, '31, 239; *Fla*, '36, 479^a, '40, 405^a; *Md*, '40, 339-346^a; *Mich*, '39, 99^a; *N. E*, '37, 379^a; *N. Y.*, '31, 278^a, '34, 532, '36, 449; *O.*, '37, 326, '38, 47; *Okla*, '36, 433, '38, 505; *Va*, '40, 574^a; *Wisc*, '36, 229-230.—*behav*, '38, 574; *blood*, '37, 517; *cowbird host*, '38, 47; *hbl*, '36, 479^a; *nid*, '40, 339-346^a; *wt*, '37, 326, '38, 440, 441, 515; *wing area*, '38, 515; *misc*, '31, 543^a.
 griseus (*Gray Titmouse, ^b*Parus ridgwayi*), *Aris*, '39, 324^b; *Okla*, '36, 432^a, 433, '38, 505.—*tax*, '35, 106^b.
 inornatus (*Plain Titmouse), *misc*, '36, 244^a.
 plumbescens, *N. M.*, '35, 122.
 zaleptus, *Calif*, '38, 692.—*type loc*, '38, 692.
Baerg, William J.
 Birds of Arkansas (rev.), '31, 301.
 Elementary ornithology (rev.), '38, 140.
baeticata (Notiocihla), see Notiocihla.
baeticatus (Acrocephalus), see Acrocephalus.
Baffin Island.
 Forbes, J. R., '38, 492-495.
 Soper, J. D., '40, 13-21.
 Sutton, G. M., '36, 91.
 Taverner, P. A., '40, 119.
 White, E. F. G., and Lewis, H. F., '37, 442.
Bagg, Aaron Clark.
 Another nesting record of the goshawk for Massachusetts, '31, 424.
 Barn owl nesting in Springfield, Mass., '31, 599-600.
 Northern phalaropes and oriole at sea, '32, 83-84.
 Least bittern in the Connecticut Valley in Massachusetts, '32, 458-459.
 Ruby-crowned kinglet feeding young in Massachusetts, '32, 486.
 Scissor-tailed flycatcher (*Muscivora forficata*) in Massachusetts, '34, 379.
 Snow geese (*Chen hyperborea*) near Washington, D. C., '35, 302.
 Some wintering birds of Franklin County, Mass., '36, 225-226.
 Nesting of Acadian chickadee in Maine, '39, 190.
 Spring record of dovekie in the Connecticut Valley, '39, 476.
Bagg, A. C., and **Eliot**, S. A., Jr. (see also Eliot and Bagg).
 Notes from along the Connecticut River, '32, 360-362.
 Courtship of the hooded merganser (*Lophodytes cucullatus*), '33, 430-431.
 Notes from the Connecticut Valley in Massachusetts, '33, 445.
 Holboell's grebe in western Massachusetts, '34, 507.
 A great blue heronry in Massachusetts, '34, 510.
 Birds of the Connecticut Valley in Massachusetts (rev.), '38, 295-296.
Bagnall, Richard S.
 Some problems connected with the cuckoo and its ectoparasites (rev.), '32, 128.
Bahama Islands.
 Wetmore, A., '38, 51-52, 311 (rev.).
bahamensis (Anas), see Dafila.
 — (Coereba), see Coereba.
 — (Dafila), see Dafila.
bahiae (Habia), see Habia.
Bailey, Alfred Marshall.
 The Baikal teal from King Island, Alaska, '33, 97.
 Iris color in the boat-tailed grackle (*Cassidix mexicanus* subspecies), '34, 383.
 Additional notes on the wintering birds of Chenier au Tigre, Louisiana, '34, 398-400.
 [Personal mention], '36, 260.
 A curlew new to North America, '39, 333-334.

- Passenger pigeons recorded by Pike in 1806, '39, 335.
- Ivory-billed woodpecker's beak in an Indian grave in Colorado (rev.), '40, 124.
- Bailey, A. M., Brower, C. D., and Bishop, L. B.**
Birds of the region of Point Barrow, Alaska (rev.), '33, 378.
- Bailey, A. M., and Conover, H. B.**
Notes from the state of Durango, Mexico, '35, 421-424.
- Bailey, A. M., and Niedrach, R. J.**
Notes on Colorado birds, '37, 524-527.
Western grebe in Colorado, '38, 119.
Nesting of Virginia's warbler, '38, 176-178.
Notes on Colorado geese, '38, 519-520.
Nelson's downy woodpecker from Colorado, '38, 672-673.
Rose-breasted grosbeak in Colorado, '38, 676.
Notes on jaegers and gulls of Colorado, '39, 79-81.
Fan and bubble dance, photographing the cock of the plains (rev.), '39, 352.
The chestnut-collared longspur in Colorado (rev.), '39, 352.
- Bailey, A. M., and Wright, E. G.**
see Wright and Bailey.
- Bailey, Florence Merriam (Mrs. Vernon Bailey).**
[On birds of the Mammoth Cave region, Kentucky], (rev.), '34, 109-110.
Among the birds in the Grand Canyon country (rev.), '40, 124.
- Bailey, Harold Harris.**
A new seaside sparrow from Florida (rev.), '32, 253.
A new race of the ringed turtle dove in the United States (rev.), '35, 339.
A revision of the genus *Coturnicops* (rev.), '36, 242.
Labrador bird records (rev.), '39, 352.
- Bailey, Vernon.**
[Personal notice], '33, 468.
- Bailey, Woodrow Wilson, Nelson, A. L., and Clarke, T. E.**
see Nelson, Clarke and Bailey.
- baileyi* (*Xenospiza*), see *Xenospiza*.
- Baillie, James Little, Jr.**
King rail breeding in southern Ontario, '40, 109-110.
Four additional breeding birds of Ontario (rev.), '40, 269.
The summer distribution of the eastern evening grosbeak (rev.), '40, 429-430.
- Baillie, J. L., Jr., and Harrington, P.**
The distribution of breeding birds in Ontario (rev.), part 1, '37, 107; part 2, '38, 298.
- bailunduensis* (*Cisticola*), see *Cisticola*.
- Baily, William Lloyd.**
Glaucous and Iceland gulls at Brigantine Beach, N. J., '34, 374-375.
- Baird, David Galbraith, 1853-1935.**
Obituary, '35, 492, '36, 68.
- Baird Ornithological Club.**
Tenth Annual Meeting, '32, 398.
Eleventh Annual Meeting, '34, 138-139.
- bairdi* (*Ammodramus*), see *Ammodramus*.
— (*Balanosphyra*), see *Balanosphyra*.
— (*Empidonax*), see *Empidonax*.
— (*Empidonax*), see *E. occidentalis* and *E. salvini*.
— (*Erolia*), see *Pisobia*.
— (*Fringilla*), see *Pipilo arcticus*.
— (*Pisobia*), see *Pisobia*.
— (*Polioptila*), see *Polioptila*.
— (*Sialia*), see *Sialia*.
- Baker, Edward Charles Stuart.**
The game birds of India. Pheasants and bustard-quail (rev.), '31, 144-145.
The nidification of birds of the Indian Empire (rev.), vol. I, '33, 241; vol. II, '33, 456; vol. III, '34, 410; vol. IV, '35, 474-475.
[Semi-centennial greetings to the A. O. U.], '34, 428.
- Baker, Frank Collins.**
An Illinois record for the little brown crane, '37, 388.
- Baker, William Calvin.**
Three unusual records for Ontario, '32, 100-101.
Brewster's warbler in blue-wing plumage, '33, 116.
- bakeri* (*Cuculus*), see *Cuculus*.
— (*Garrulax*), see *Garrulax*.
- bakkamoena* (*Otus*), see *Otus*.
- Balaeniceps rex** (*Shoe-bill Stork, Whale-headed Stork), *Afr.* '35, 473*.—*anat.* '37, 228*.
- Balanosphyra**, *hbt.* '40, 214.
aculeata (Mearns's Woodpecker), *Mex.* '35, 422.
bairdi (*California Woodpecker), *Calif.* '34, 538*, '35, 428, '38, 301*.—*dist.* '35, 428; *fd.* '38, 301*; *hbt.* '39, 197-198*; *misc.* '40, 218*.
formicivora (Ant-eating Woodpecker), *wt., wing area,* '38, 515.
balcanicus (*Dryobates*), see *Dryobates*.
Baldpate, see *Mareca americana*.
- Baldwin, Samuel Prentiss, 1868-1938.**
Bird-banding by systematic trapping (rev.), '31, 459.
Obituary, '39, 210, '40, 147.

- In memoriam, '40, 1-12, portrait.
Bibliography, '40, 11-12.
- Baldwin, S. P., and Kendeigh, S. C.**
Physiology of the temperature of birds (rev.), '33, 129-130.
Factors affecting yearly abundance of passerine birds (rev.), '37, 564.
Variations in the weight of birds, '38, 416-467.
- Baldwin, S. P., Oberholser, H. C., and Worley, L. G.**
Measurements of birds (rev.), '32, 124.
- Baldwin, William Plews, Jr.**
Bald eagle robbing marsh hawk, '40, 413.
- Baldwin Research Laboratory.**
[Notice of publication on] The protection of hawks and owls in Ohio, '33, 264.
- balduini** (Troglodytes), see Troglodytes.
- Ball, Edward Matthews, 1866-1935.**
Obituary, '37, 125.
- Ball, Lelah, and Hutt, F. B.**
see Hutt and Ball.
- Ball, Stanley C.**
Jungle fowls from the Pacific islands (rev.), '34, 110-111.
Hybrid ducks, including descriptions of two crosses of Bucephala and Lophodytes (rev.), '34, 545-546.
- Ball, William Howard.**
Leach's petrel (*Oceanodroma leucorhoa*) in the District of Columbia, '31, 106.
Baird's sandpiper (*Pisobia bairdi*) at Washington, D. C., '31, 260.
The black vulture (*Coragyps urubu*) at Harper's Ferry, West Virginia, '31, 599.
Notes from the Washington, D. C., region, '32, 362.
- Ball, W. H., Bartsch, P., et al.**
see Bartsch et al.
- Ball, W. H., and Court, E. J.**
The American magpie (*Pica pica hudsonia*) at Point Lookout, Maryland, '31, 604.
- Ball, W. H., and Wallace, R. B.**
Further remarks on birds of Bolling Field, D. C., '36, 345-346.
- balli** (Otus), see Otus.
- Balmer, Adam.**
Migration of godwits at Westport, Washington, '38, 276-277.
- Bananaquit, Antillean, see Coereba dominicana.**
- Banding, see Bird Banding.**
- Bangs, Outram, 1863-1932.**
A small collection of birds from the Silinda Forest (rev.), '32, 128.

- A new genus and species of American buntings (rev.), '32, 128.
- A genus for *Junco siemsseni* Martens (rev.), '32, 128.
- Obituary, '32, 516, '33, 82.
- In memoriam, '33, 265-274, portrait.
- Bangs, O., and Loveridge, A.**
Descriptions of some new birds from southwestern Tanganyika Territory (rev.), '32, 128.
- Bangs, O., and Van Tyne, J.**
Birds of the Kelley-Roosevelts expedition to French Indo-China (rev.), '31, 629.
- bangsi** (Aimophila), see Aimophila.
— (Cuculus), see Cuculus.
— (Loxia), see Loxia.
— (Porzana), see Porzana.
— (Sheppardia), see Sheppardia.
- bankana** (Erythrocichla), see Erythrocichla.
- banken** (Centropus), see Centropus.
- banksiana** (Neolalage), see Neolalage.
- Bannerman, David Armitage.**
The birds of tropical west Africa (rev.), vol. 1, '31, 285-286; vol. 2, '32, 244; vol. 3, '34, 107-108.
A review of the genus *Calamocetor* Sclater (formerly *Calamornis* Scl.) (rev.), '37, 559.
[A new race of the brown-rumped swallow] (rev.), '38, 298.
[A new race of the South African sand martin] (rev.), '38, 298.
[A new race of cuckoo-shrike from the Cameroons] (rev.), '38, 689.
A nestling storm petrel from the Canary Islands (rev.), '40, 124.
A new bush shrike from Angola (rev.), '40, 125.
- bannermani** (Scopus), see Scopus.
- barbadensis** (Amazona), see Amazona.
— (Vireo), see Vireo.
- Barbados.**
Danforth, S. T., '39, 101 (rev.).
Griscom, L., '37, 539.
Peterkin, F. P., '34, 233, '35, 185.
- barbara** (Alectoris), see Alectoris.
- barbarus** (Otus), see Otus.
— (Scops), see Otus.
- barbata** (Penelope), see Penelope.
- Barbatula jacksoni**, syn. '38, 692.
kandti, syn. '38, 692.
nyansae, syn. '38, 692.
urungensis, syn. '38, 692.
- barbatula** (Vireo), see Vireo.
- barbatus** (Cypselus), see Micropus.
— (Gypaetus), see Gypaetus.
— (Micropus), see Micropus.
— (Picus), see P. sanguinceps.
- Barbet, Chaplin's, see Lybius chaplini.**

- White-eared, see *Buccanodon kili-mense*.
- Barbour, Roger William.**
Cuban red-tailed hawk (rev.), '35, 479.
Saw-whet owls in Kentucky, '40, 254.
- Barbour, Thomas.**
A pine warbler killed by arsenical spray, '37, 542-543.
Reappearance of *Oxypelia*, '40, 416.
- Barbour, T., and Huntington, J. L.**
see Huntington and Barbour.
- barboursi (*Anthreptes*), see *Anthreptes*.
— (*Perisoreus*), see *Perisoreus*.
- bareji (*Porzana*), see *Porzana*.
bargaensis (*Parus*), see *Parus*.
- Barlow, Chester.** 1874-1902.
Status in the A. O. U., '31, 476.
- Barnardius, '40.** 273.
- Barnes, Ventura, Jr.**
New records for the Puerto Rican avifauna, '36, 350-351.
- Barraband, see *Polytelis swainsoni*.
barrileensis (*Spodiornis*), see *Spodiornis*.
- Bartel, Karl Emil Edgar, and Pitelka, F. A.**
Western sandpiper in Illinois, '39, 334-335.
- Bartels, Max, Jr.**
Notizen über einige Batrachostomus-Arten (rev.), '38, 689.
Zwei neue Drosseln aus Java (rev.), '39, 99.
- bartelsi (*Strix*), see *Strix*.
bartholemica (*Dendroica*), see *Dendroica*.
- Bartlett, Guy.**
Birds of eastern New York (rev.), '37, 404.
American egret and little blue heron in lower Mohawk River Valley, '39, 469-470.
- bartletti (*Penthestes*), see *Penthestes*.
- Barto, Elizabeth, and Boardman, E. T.**
see Boardman and Barto.
- bartolemica (*Coereba*), see *Coereba*.
- Bartram, William.** 1739-1823.
[Notes on his travels and his account of *Vultur sacra*], '36, 381-392.
- Bartramia longicauda** (*Upland Plover, Bartram's Sandpiper), *Antigua*, '34, 359; *Ark.* '38, 285; *D. C.* '35, 461, '36, 346; *Falkland Is.* '39, 200; *Fla.* '31, 116; 442; *Ill.* '35, 447; *Ia.* '39, 36; *Kans.* '33, 450; *Mass.* '32, 101; *Mich.* '40, 273; *Minn.* '31, 60; *N. H.* '38, 297; *N. J.* '31, 419; 420; 421, '32, 470-474; *N. Y.* '31, 278; '33, 228, '34, 532; *N. C.* '37, 453; *O.* '31, 376, '32, 82; *Okla.* '38, 503; *Pan.* '35, 326; *Pa.* '36, 443-444, '40, 110; *S. Am.* '40, 426; *S. C.* '36, 312; *Tenn.* '40, 436; *Tex.* '38, 66; *V. I.* '38, 131; *Va.* '38,

- 211; *W. Va.* '36, 97, 444, '38, 128; *Wisc.* '40, 270.—*hbl.* '31, 59, 60, 182; 183; '32, 82; '36, 211, '38, 103; *mig.* '38, 66; *misc.* '40, 433.
- Bartsch, Paul.**
Puffinus gravis in Virginia, '34, 507.
A new family (*Anhingidae*) of birds for the Fauna Columbiana, '36, 438.
- Bartsch, P., et al.**
Size of red blood corpuscles and their nucleus in fifty North American birds, '37, 516-519.
- baschkirikus (*Bubo*), see *Bubo*.
basilana (*Hydrocorax*), see *Hydrocorax*.
— (*Rhinomyias*), see *Rhinomyias*.
- Basileuterus, tax.** '36, 104.
- belli (Bell's Warbler), *Mex.* '40, 236, 241.
clarus, *Mex.* '37, 198.
scitulus, *Guat.* '37, 198.
- bassana (*Moris*), see *Moris*.
— (*Sula*), see *Moris*.
- Bassett, Anna Stowell** (Mrs. Victor Hugo Bassett).
Anhinga nesting in Liberty County, Georgia, '33, 427.
Some Georgia records of John Abbot, naturalist, '38, 244-254.
- bassus (*Spilornis*), see *Spilornis*.
batassiensis (*Cypsiurus*), see *Cypsiurus*.
- Batchelder, Charles Foster.**
Erratum [in obituary of Dr. Lemuel F. Woodward], '34, 289.
An account of the Nuttall Ornithological Club, 1873 to 1919 (rev.), '38, 294-295.
- batchianensis (*Tanygnathus*), see *Tanygnathus*.
- bateli (*Empidonax*), see *Empidonax*.
- Bates, Clara, and Moore, Louise C.**
see Moore and Bates.
- Bates, Emeline Clark.** — 1936.
Obituary, '37, 125.
- Bates, George Latimer.** 1863-1940.
A bird-spider nesting association (rev.), '37, 108.
[On the identity of *Saxicola sennaarensis* Seebohm] (rev.), '37, 405.
[A new race of wheatear] (rev.), '38, 298.
On birds from Hadhramaut (rev.), '39, 99.
Races of *Ammomanes deserti* in Arabia (rev.), '40, 125.
- Bates, G. L., and Philby, H. St. J. B.**
Birds of Jidda and central Arabia (rev.), part II, '37, 108; part III, '37, 405; part IV, '37, 559.
- Bates, John Mallory.** 1846-1930.
Obituary, '31, 85, 162-163.
- Bates, Richard Sydney Patrick.**

- Do birds employ ants to rid themselves of ectoparasites? (rev.), '37, 559-560.
- Bathornis celeripes**, Wyo. '35, 215.—*fos.* '35, 215.
- cursor**, Wyo. '35, 215.—*fos.* '35, 215.
- veredus**, Neb. '33, 213; S. D. '38, 583.—*fos.* '33, 213, '38, 583.
- Bathornithidae**, *tax.* '35, 215.
- Batis lynesii**, Afr. '40, 589.
- margaritae**, Angola, '34, 268.
- mixta**, Afr. '40, 320.—*fledg.* '40, 320.
- molitor**, Rhodesia, '37, 112.—*hbt.* '37, 112; *tax.* '34, 274.
- Batrachostomus chaseni**, *tax.* '38, 309.
- continentalis**, *tax.* '38, 309.
- indochinae**, *tax.* '38, 309.
- javensis**, Java, '38, 689.—*behav.* '38, 689.
- poliophus**, Sumatra, '38, 689.
- Batravi**, A. M., and Rowan, W.
see Rowan and Batravi.
- baueri** (Limosa), see Limosa.
- Bauernfeind**, Jacob Christopher, and Norris, L. C.
The antidermatosis vitamin required for reproduction in the domestic fowl (rev.), '39, 492.
- Baumgartner**, Amelia Marguerite (Mrs. Frederick Milton Baumgartner).
Seasonal variations in the tree sparrow, '38, 603-613.
Distribution of the American tree sparrow (rev.), '40, 125.
- Baumgartner**, Frederick Milton.
Bird mortality on the highways, '34, 537-538.
Correction, '35, 104.
New birds for Churchill, Manitoba, '36, 224.
Eastern goshawk nesting in central Michigan, '38, 523.
A study of the American horned owls (*Bubo virginianus*) (rev.), '39, 200.
Territory and population in the great horned owl, '39, 274-282.
Courtship and nesting of the great horned owls (rev.), '39, 352.
- Baxter**, Evelyn Vida, and Rintoul, Leonora J.
see Rintoul and Baxter.
- Baynard**, Oscar Edward.
The first eggs of Scott's seaside sparrow, '32, 97-98.
- Basuin**, Clayton William.
Arkansas kingbird nesting in Michigan, '38, 125.
A new Arkansas kingbird record for Michigan (rev.), '38, 145.
- Beadel**, Henry Ludlow, and Stoddard, H. L.
Marbled godwit on the gulf coast of Florida in summer, '39, 76.
- Beamer**, Lloyd Henry.
Fulmar at Meaford, Georgian Bay, Ontario, '37, 200.
- Beard**, Daniel Bartlett.
The 1938 count of noddy and sooty terns at the Dry Tortugas (rev.), '39, 99.
Man-o'-war-birds prey on eastern sooty terns, '39, 327-329.
- Beardslee**, Clark Smith.
Caspian tern in Connecticut, '32, 85.
Prothonotary warblers nesting near Buffalo, N. Y., '32, 91.
- beata** (Melospiza), see Melospiza.
- Beaton**, Robert.
Arkansas kingbird in Maine and New Jersey, '40, 418.
- Beatty**, Harry A.
Birds of St. Croix (rev.), '31, 147.
Notes on birds observed at Guanica Lagoon and its vicinity (rev.), '31, 305.
New bird records for St. Croix, V. I., '36, 456-457.
Additional records for St. Croix, Virgin Islands, '38, 131.
Notes from St. Thomas and cays, Virgin Islands, '38, 552-553.
Notes from the Virgin Islands, West Indies, '39, 193.
- beattyi** (Oreopeleia), see Oreopeleia.
- beaulieu** (Mirafr), see Mirafr.
- (Potamorhinus), see Potamorhinus.
- Beaupre**, Edwin, 1873-1930.
Obituary, '31, 85.
- Becard**, Rose-throated, see *Platypsaris aglaiae*.
- Beck**, Herbert Huebener.
Status of *Bartramia longicauda* in Lancaster Co., Pa., '36, 443-444.
Status of the upland plover, '40, 110.
- Beck**, H. H., and Sharp, B.
Dickcissel in Lancaster County, Pa., '34, 92.
- Bedford**, O. H.
The ostrich in China (rev.), '37, 560.
- Beebe**, William.
Recent notes on Bermuda birds (rev.), '38, 689.
Why do birds have scales on their legs? (rev.), '38, 689.
The blue jay cached the nut (rev.), '39, 492.
- beecheyi** (Cissilopha), see *Cissilopha*.
- Bee-eater**, Chestnut-headed, see *Merops americanus*.
European, see *Merops apiaster*.
Green-headed, see *Merops philippinus*.
- beema** (Budytes), see *Budytes*.

- Behle, William Harroun.**
A new race of horned lark from the region of Great Salt Lake (rev.), '38, 689.
- Behle, W. H., and Grinnell, J.**
see Grinnell and Behle.
- Beick, Walter, —**—1933.
Obituary, '36, 68.
- beicki** (Ithaginis), see Ithaginis.
— (Luscinia), see Luscinia.
— (Rhopophilus), see Rhopophilus.
- Belcher, Sir Charles Frederic.**
The birds of Nyasaland (rev.), '31, 288-289.
Nota sobre la agachona, *Thinocorys rumicivorus* (rev.), '37, 318.
- Belcher, Sir C. F., and Smooker, G. D.**
Birds of Trinidad and Tobago (rev.), '37, 108, 560.
- belcheri** (Buccanodon), see Buccanodon.
— (Larus), see Larus.
- beldingi** (Pagolla), see Pagolla.
— (Passerculus), see Passerculus.
- Belgium.**
Dupond, C., '40, 431 (rev.).
- belizensis** (Rallus), see Rallus.
- Bell, Frederick.**
Lead poisoning of ducks investigated (rev.), '37, 560.
- bella** (Xenodacnis), see Xenodacnis.
- Bell-bird**, see *Anthornis melanura*.
- belli** (Amphispiza), see Amphispiza.
— (Basileuterus), see Basileuterus.
— (Vireo), see Vireo.
- Bellrose, Frank Chapman (Frank, Jr.).**
Late nesting records for northern Illinois, '36, 348.
Notes from north central Illinois, '36, 348.
Yellow-crowned night heron breeding in northern Illinois, '38, 122.
Glaucous gull in Illinois, '38, 277.
American egret nesting along the Illinois River, '39, 73-74.
Prairie falcon in central Illinois, '39, 75-76.
- Bellrose, F. C., and Hutchins, L.**
Purple gallinule in central Illinois, '38, 274.
- Belonopterus cayennensis**, *Pan.* '36, 457, '38, 288.
 chilensis, *syst.* '34, 551.
 fretensis, *Chile*, '34, 551.
- Bemmel, A. C. van.**
Ein neue Monarcha von der Insel Boano (rev.), '40, 269.
- Benchley, (Mrs.) Belle Jennings.**
Notes on herons at Scammon's Lagoon, '32, 77.
Experiences in breeding egrets in captivity, '32, 77-78.
- bendirei** (Falco), see Falco.
— (Loxia), see Loxia.
— (Otus), see Otus.
- beneplacita** (Cyanocompsa), see Cyanocompsa.
- bengalensis** (Bubo), see Bubo.
- benghalensis** (Rostratula), see Rostratula.
- Benner, Franklin, 1853-1938.**
Obituary, '40, 137-138.
- Benness, George Bartleson, 1870-1934.**
Obituary, '36, 68.
- Bennett, Arthur George.**
Bartram's sandpiper on the Falkland Islands (rev.), '39, 200.
- Bennett, Logan Johnson.**
Canvas-back breeding in Iowa, '37, 534.
The blue-winged teal—its ecology and management (rev.), '38, 565.
- Bennett, L. J., and Hendrickson, G. O.**
Adaptability of birds to changed environment, '39, 32-37.
- Bennett, L. J., and La Mar, Kate E.**
A marsh nesting colony of black-crowned night herons (rev.), '38, 298.
- bennetti** (Casuarius), see Casuarius.
- Bennitt, Rudolf.**
Check-list of the birds of Missouri (rev.), '34, 112-113.
Pocket list of Missouri birds (rev.), '38, 568.
- Bennitt, R., and Nagel, W. O.**
A survey of the resident game and furbearers of Missouri (rev.), '38, 142-143.
- Benson, Constantine Walter.**
Miscellaneous notes on Nyasaland birds (rev.), '37, 560.
[Two new birds from Nyasaland] (rev.), '38, 689.
A new lark from Nyasaland (rev.), '39, 492.
A new race of forest warbler from Nyasaland (rev.), '39, 492.
Further notes on Nyasaland birds.—Part 1 (rev.), '40, 587.
- Benson, Seth Bertram, and Ritter, W. E.**
see Ritter and Benson.
- bensoni** (Apalis), see Apalis.
- Bent, Arthur Cleveland.**
Life histories of North American gallinaceous birds (rev.), '32, 500.
[Status of forthcoming bulletins on life histories of North American birds], '36, 130, '38, 587, '40, 443-444.
[Obituary of] Walter Burgess Savary, '36, 257-258.
[On need of an endowment fund for 'The Auk'], '37, 115.
In memoriam: Frederic Hedge Kenard 1865-1937, '37, 341-348.

- Life histories of North American birds of prey (rev.), part 1, '37, 555-556; part 2, '39, 94-95.
- Life histories of North American woodpeckers (rev.), '39, 489-490.
- The osprey in Massachusetts (rev.), '39, 492.
- benti (Loxia), see Loxia.
- berberensis (Trachyphonus), see Trachyphonus.
- Bergman, Sten.**
Zur Kenntnis Nordasiatischer Vögel (rev.), '35, 333.
- Bergtold, William Harry, 1865-1936.**
Bohemian waxwings in Colorado, '31, 432-434.
- The American eider in Colorado, '32, 346.
- Obituary, '36, 369, '37, 125.
- In memoriam, '37, 1-11, portrait.
- berigora (Falco), see Falco.
- (Ieracidea), see Ieracidea.
- Bering Sea.**
Friedmann, H., '32, 380 (rev.).
Friedmann, H., and Riley, J. H., '31, 269.
- berlandieri (Thryothorus), see Thryothorus.
- berlepschi (Myiornis), see Myiornis.
- (Otocoris), see Otocoris.
- (Turdus), see Turdus.
- Berlioz, Jacques.**
La vie des oiseaux (rev.), '31, 629.
- D'Orbigny, ornithologiste (rev.), '35, 112.
- Note sur deux espèces peu connues de Rallidés (rev.), '35, 112-113.
- Etude d'une collection d'oiseaux de l'Oubangui-Chari (rev.), '35, 113.
- Le dimorphisme mutationnel chez les Ardeidés (rev.), '35, 113.
- Etude d'une collection d'oiseaux du Congo Belge (rev.), '36, 241.
- Three new cases of presumed natural hybrids among Trochilidae (rev.), '37, 405.
- [A new race of hummingbird from Peru] (rev.), '38, 568.
- [A new species of Formicariidae] (rev.), '38, 689.
- Les collections ornithologiques de Muséum de Paris (rev.), '39, 99.
- A new genus and species of tanager from central Brazil (rev.), '39, 492.
- berliozii (Mentocrex), see Mentocrex.
- (Muscicapa), see Muscicapa.
- Bermuda.**
Beebe, W., '38, 689 (rev.).
Bradlee, T. S., and Mowbray, I. L., '32, 253-254 (rev.).
Griscom, L., '37, 543.
- Gross, A. O., '31, 511.
- Mills, Doris H., '37, 545.
- Worth, C. B., '35, 442.
- bermudianus (Vireo), see Vireo.
- Bernard, Richard, and Brassard, J. A.**
see Brassard and Bernard.
- Bernicla, '38, 433.**
- bernicla (Branta), see Branta.
- bernieri (Anas), see Nettion.
- (Nettion), see Nettion.
- bernsteini (Centropus), see Centropus.
- Berry, John.**
The status and distribution of wild geese and wild duck in Scotland (rev.), '40, 583-584.
- Bertelsen, Alfred.**
Notes on the avifauna of west Greenland between 60° and 77° N. lat. (rev.), '32, 380.
- Berthel, Russel.**
Banding night herons (rev.), '38, 689.
- Bessonornis porotoensis, Tanganyika, '32, 128.**
- bessophilus (Lampornis), see Lampornis.
- Betz, Mrs. Herman.**
Florida burrowing owl in Pinellas Co., Fla., '32, 478.
- bewicki (Cygnus), see Cygnus.
- (Thryomanes), see Thryomanes.
- biarmicus (Panurus), see Panurus.
- Bibliography.**
A. O. U. Committee, Report of, '31, 87-90, '33, 84-86.
- Anatomy of birds, '31, 319, '40, 264-265 (rev.).
- 'Anting' by birds, '38, 101-105.
- Argentina, '35, 112 (rev.).
- Audubon copper plates, '34, 348-349.
- Baldwin, S. P., '40, 11-12.
- Banding, '32, 140 (rev.).
- California, '31, 644 (rev.), '40, 265-266 (rev.).
- Charadriiformes, '31, 627 (rev.).
- Coccidiosis in birds, '37, 507-508.
- Coturnicops noveboracensis, '39, 236-237.
- Duplicity in birds, '37, 512-513.
- Feathers (structural color), '36, 185.
- Flight of birds, '33, 310-312 (speed), '36, 237 (rev.).
- Food of Australian birds, '35, 342 (rev.).
- Game mammals and birds, '31, 138-139 (rev.).
- Grinnell, J., '40, 271 (rev.).
- Lungs of birds, '39, 62-63.
- McGregor, R. C., '38, 170-175.
- Names of birds (vernacular), '37, 339-340.
- Nevada, '36, 238 (rev.).
- Ohio, '36, 243 (rev.).

- Penard, T. E., '37, 233-234.
 Peten, '36, 117 (rev.).
 Pithecophaga jefferyi, '34, 340-342.
 South America, '36, 236 (rev.).
 Tennessee, '34, 270 (rev.), '40, 131 (rev.).
 Trumbull, G., '40, 598.
 Uria ringvia, '38, 60-61.
 Von Madarasz, J., '31, 643 (rev.).
 West Virginia, '38, 686 (rev.).
 bichenovii (Steganopleura), see Steganopleura.
 bicinctus (Charadrius), see Charadrius.
Bicknell, Carrie Elizabeth Fargo (Mrs. Frederick Thompson Bicknell), 1855-1934.
 Obituary, '36, 68, 374.
Bicknell, George Augustus, 1854-1926.
 Obituary, '31, 85.
 bicknelli (Hylodichla), see H. minima.
 bicolor (Ateleodacnis), see Ateleodacnis.
 — (Baeolophus), see Baeolophus.
 — (Dendrocycna), see Dendrocycna.
 — (Gymnopathys), see Gymnopathys.
 — (Iridoprocne), see Iridoprocne.
 — (Perisoreus), see Perisoreus.
 bicornis (Dichoceros), see Dichoceros.
Biddle, Emily Williams, —-1931.
 Obituary, '33, 83.
 bidentata (Piranga), see Piranga.
 Bienteveo, see Pitangus bolivianus.
 biesenbachi (Turdus), see Turdus.
 bifasciata (Loxia), see Loxia.
Bigalke, R.
 The naturalization of animals, with special reference to South Africa (rev.), '38, 145.
 bilineata (Polioptila), see Polioptila.
 billitonis (Chloropsis), see Chloropsis.
 — (Eurylaimus), see Eurylaimus.
Bills, William Edward, **Trautman**, M. B., and **Wickliff**, E. L.
 see Trautman, Bills and Wickliff.
 bimaculatus (Ammodramus), see Ammodramus.
Biographies of birds, see Life histories.
Biographies of persons, see names of individuals and introduction of Index.
Biological Survey.
 [Duck maps], '34, 415.
 [Conservation measures], '35, 133.
 [Report of Chief], '39, 202 (rev.).
 [Report on wildlife refuges], '40, 292.
 [Reorganization and change of name], '40, 442.
 [Refuge program], '40, 588 (rev.).
Birkhead, Hugh.
 The birds of the Sage West China Expedition (rev.), '38, 568.
 [New name for Urocissa erythrorhyncha caerulea Birkhead not Gould] (rev.), '38, 689.
Bird, Charles Godfrey.
 The birds of southern Asia Minor, from Mersin to the Euphrates (rev.), '37, 405.
 Bird, Cave, see Steatornis caripensis.
 Frigate, see Fregata magnificens.
 Indigo, see Passerina cyanea.
 Mistletoe, see Dicaeum hirundinaceum.
 Mutton, see Puffinus tenuirostris.
 Oil, see Steatornis caripensis.
 Tailor, see Orthotomus.
 Bird of Paradise, Greater, see Paradisea apoda.
 Magnificent, see Diphylloides magnificus.
 Prince Rudolph's, see Paradisornis rudolphi.
 Red, see Paradisea rubra.
 Sickie-billed, see Epimachus fastuosus.
 Twelve-wired, see Seleucides ignotus.
Bird Banding.
 Allen, R. P., '39, 492 (rev.).
 Berthel, R., '38, 689 (rev.).
 Bodenstein, G., and Schüz, E., '38, 145 (rev.).
 Calhoun, J. B., '39, 201 (rev.).
 Chamberlain, E. B., '39, 64.
 Coffey, B. B., Jr., '38, 300 (rev.), '39, 201 (rev.), 354 (rev.).
 Commons, Marie A., '39, 97-98 (rev.).
 Drost, R., and Schilling, L., '40, 431 (rev.).
 Drost, R., and Schüz, E., '40, 271 (rev.).
 Dupond, C., '37, 220 (rev.), '38, 571 (rev.).
 Eliot, S. A., Jr., and Bagg, A. C., '33, 91.
 Foster, F. B., '32, 216.
 Garrison, D. L., '40, 567.
 Géroudet, P., '37, 220 (rev.).
 Harriot, S. C., '39, 495 (rev.).
 Hennessy, T. S., '38, 303 (rev.).
 Jacobi, R., et al., '37, 413 (rev.).
 Junge, G. C. A., '38, 574 (rev.).
 Kate, T., '39, 496 (rev.), '40, 272 (rev.).
 Kendeigh, S. C., '40, 4-12.
 Kendrick, H., '40, 434 (rev.).
 Kratzig, H., and Schüz, E., '37, 222-223 (rev.).
 Laskey, Amelia R., '38, 575 (rev.), '39, 356 (rev.), '40, 128 (rev.).
 Leach, E. P., '38, 575 (rev.), '39, 104 (rev.), 356 (rev.), '40, 128 (rev.), 273 (rev.), 435 (rev.), 590 (rev.).
 Lincoln, F. C., '31, 538-546, '32, 457, '33, 206, '37, 391, '39, 250-254, '40, 569.
 Lloyd, H., '39, 357 (rev.), '40, 273 (rev.).

- Ludwig, C. C., '40, 591 (rev.).
 Mangels, F. P., '38, 694 (rev.).
 McIlhenny, E. A., '34, 328-337, '37, 384, '40, 85-93.
 Moffitt, J., '38, 306 (rev.).
 Pond, J., '40, 593 (rev.).
 Reimann, E. J., '40, 131 (rev.).
 Ringleben, H., and Schütz, E., '39, 205 (rev.).
 Robinson, H. W., '38, 154 (rev.), 278.
 Sargent, Grace T., '40, 275 (rev.).
 Schütz, E., '37, 226 (rev.), '39, 359 (rev.).
 Skovgard, P., '31, 461 (rev.).
 Stechow, J., '39, 108 (rev.).
 Stoner, D., '37, 421 (rev.), '38, 581 (rev.).
 Struthers, J. A., '40, 276 (rev.).
 Thomson, A. L., '39, 500 (rev.), '40, 594 (rev.).
 Tjittes, A. A., '39, 500 (rev.).
 Tyrrell, W. B., '36, 263.
 Weakly, H. E., '40, 132 (rev.).
 Witherby, H. F., '36, 363 (rev.).
 Witherby, H. F., and Leach, E. P., '40, 133 (rev.).
 [News note], '37, 425, '38, 160.
- Bird Haven.**
 [Administered through University of Chicago], '32, 522.
- Bird Surgery.**
 Mueller, W. J., '34, 538-539.
 Oehlenschlaeger, Elizabeth A., '37, 520-523.
- Bishop, Louis Bennett.**
 Three apparently undescribed owls (rev.), '32, 129.
 Sexual dichromatism in the pygmy owl (rev.), '32, 129.
 Two apparently unrecognized races of North American birds (rev.), '34, 114.
 [Obituary of] William Henry Hoyt, '37, 234-235.
 Correct names for the red-backed sandpiper and northern long-billed curlew (rev.), '39, 100.
 An apparently unrecognized race of redwing from Utah (rev.), '39, 200.
- Bishop, L. B., Bailey, A. M., and Brower, C. D.**
 see Bailey, Brower and Bishop.
 Bishop, Red, see *Pyromelana flammiceps*.
 Bishop-bird, see *Pyromelana*.
- Bismark Archipelago.**
 Meyer, O., '34, 426 (rev.), '38, 152 (rev.).
bispecularis (*Lamprocolius*), see *Lamprocolius*.
- Bissonnette, Thomas Hume.**
 Sexual photoperiodicity in the blue jay (*Cyanocitta cristata*) (rev.), '40, 269.
- Bissonnette, T. H., and Zujko, A. J.**
 Normal progressive changes in the ovary of the starling (*Sturnus vulgaris*) from December to April, '36, 31-50.
bistriatus (*Burhinus*), see *Burhinus*.
 — (*Oedicnemus*), see *Burhinus*.
 Bittern, see *Botaurus lentiginosus* and *B. stellaris*.
 American, see *Botaurus lentiginosus*.
 Australian, see *Botaurus poiciloptilus*.
 Cinnamon, see *Ixobrychus cinnamomeus*.
 Cory's Least, see *Ixobrychus neoexenus*.
 Least, see *Ixobrychus exilis*.
 Little Yellow, see *Ixobrychus astrologus*.
 Western Least, see *Ixobrychus hesperis*.
- Blasuw, Frans Ernst, 1860-1936.**
 Obituary, '37, 125.
- Black, Charles Theodore.**
 Records for Illinois and Michigan, '34, 100.
 Late spring records for Illinois, '34, 101-102.
 Common loon in Illinois in July, '35, 74.
 Mockingbird in Wisconsin, '35, 90.
 Notes from central Illinois, '35, 101.
 A correction (of county name), '35, 447.
 Richardson's owl in Wisconsin, '35, 451-452.
 Notes from northeastern and east central Illinois, '35, 464-465.
 Additional Illinois golden eagle records, '37, 385-388.
- Black, C. T., and Twomey, A. C.**
 see Twomey and Black.
- Black, Cyrus A.**
 Records of the whooping crane for the spring of 1936 (rev.), '37, 108.
 Some 1937 notes on whooping cranes and other birds (rev.), '38, 689.
- Black, John David.**
 The red crossbill at Lawrence, Kansas, '32, 489-490.
 Snowy egret in Arkansas, '33, 206.
 Long-eared and short-eared owls in northwest Arkansas, '33, 436.
 The southern crow in Arkansas, '35, 90.
 The red crossbill in Kansas:—a correction, '35, 193-194.
- Blackbird, see *Turdus merula*.
 Brewer's, see *Euphagus cyanocephalus* and *E. minusculus*.
 European, see *Turdus merula*.
 Florida Red-winged, see *Agelaius mearnsi*.
 Gray-headed, see *Turdus poliocephalus*.

- Orange-headed, see *Amblyramphus holosericeus*.
 Red-winged, see *Agelaius phoeniceus*.
 Rusty, see *Euphagus carolinus*.
 Tawny-shouldered, see *Agelaius humeralis*.
 Tricolored, see *Agelaius tricolor*.
 Yellow-headed, see *Xanthocephalus xanthocephalus*.
 Yellow-shouldered, see *Agelaius thilius*.
Blackbird, nondescript, *Ariz.* '37, 160-163.—*fig., meas., plm., stat.*, '37, 160-162.
 Blackcap, see *Sylvia atricapilla*.
 Black-cock, see *Lyrurus tetrix*.
Blair, Hugh Movay Sutherland.
 The birds of East Finmark, part 3 (rev.), '37, 108.
Blake, Robert Emmet Reid.
 A second record of the white-eyed vireo in Guatemala, '36, 219.
 Additional records of *Neomorphus radiolosus*, '36, 447.
 African cattle heron taken in British Guiana, '39, 470-471.
Blaker, George Blaker.
 The barn owl in England (rev.), '34, 267.
blakistoni (*Bubo*), see *Bubo*.
blancaneauxi (*Crypturellus*), see *Crypturellus*.
blanchardi (*Parus*), see *Parus*.
blanci (*Aethopyga*), see *Aethopyga*.
blanfordi (*Leopicus*), see *Leopicus*.
 — (Turnix), see *Turnix*.
Blatchley, Willis Stanley.
 My nature nook or notes on the natural history of the vicinity of Dunedin, Florida (rev.), '32, 122-123.
Blincoe, Benedict Joseph.
 A knot (*Calidris canutus*) in Montgomery County, Ohio, '31, 596.
 Chuck-will's-widow again in Ohio, '33, 362.
Blood of Birds.
 Bartsch, P., et al., '37, 516-519.
 Bluebird, see *Sialia sialis*.
 Azure, see *Sialia fulva*.
 Chestnut-backed, see *Sialia bairdi*.
 Guatemalan, see *Sialia guatemalae*.
 Mountain, see *Sialia currucoides*.
 Nelson's, see *Sialia australis*.
 Western, see *Sialia occidentalis*.
 Bluethroat, Gaetke's, see *Cyanosylvia gaetkei*.
 Red-spotted, see *Cyanosylvia suecica*.
boanensis (*Monarcha*), see *Monarcha*.
Boardman, Edward Thorpe, and **Barto**, Elizabeth.
 A pictorial guide to the families of birds (rev.), '38, 568.
 Bobolink, see *Dolichonyx oryzivorus*.
 Bob-white, see *Colinus virginianus*.
 Cuban, see *Colinus cubanensis*.
 Eastern, see *Colinus virginianus*.
 Florida, see *Colinus floridanus*.
 Masked, see *Colinus ridgwayi*.
 Northern, see *Colinus virginianus*.
 Texas, see *Colinus texanus*.
bodalyae (*Numida*), see *Numida*.
Bode, Irwin Theodore.
 Golden-winged warbler in Maine, '40, 420.
Bodenstein, G., and **Schütz**, E.
 Rossittener Heringsmöwe (*Larus fuscus*) am Victoria-See (*Ostafrika*) (rev.), '38, 145.
Boehm, Erhard Franz.
 Eye-colour in the Australian raven (*Corvus coronoides*) (rev.), '40, 430.
Boetticher, Hans von.
 Zur Klassifikation der Anatiden (rev.), '40, 430.
 Färbung und Schmuck der Schwimmvögel (rev.), '40, 430.
 Zur Klassifikation der Möwen und Lachmöwen (rev.), '40, 430.
boettcheri (*Passer*), see *Passer*.
Bogert, Cardine.
 Birds collected during the Whitney South Sea Expedition, XXXIV.
 The distribution and the migration of the long-tailed cuckoo (*Urodynamis taitensis* Sparrman) (rev.), '38, 145.
Boggs, Ira Brooks, and **Brooks**, M. G.
 see Brooks and Boggs.
Boggs, Marion Alexander.
 Rare birds in the North Carolina mountains, '33, 233-234.
bogotensis (*Asio*), see *Asio*.
Bohmann, Ludwig.
 Schwalbenzug-Katastrophe im Oktober, 1936 (rev.), '37, 405-406.
Bohn, Herman.
 Philadelphia vireo on Long Island, N. Y., '35, 458.
bohndorfi (*Ciccaba*), see *Ciccaba*.
Boies, Albert Hartson, 1844-1930.
 Obituary, '32, 271.
Bolander, Gordon.
 A second record for California (rev.), '40, 125.
Bolborhynchus lineola (*lineolatus*), *Chiriqui*, '36, 232^b.
Bole, Benjamin Patterson, Jr., and **Aldrich**, J. W.
 see Aldrich and Bole.
Bole, B. P., Jr., and **Fuller**, A. B.
 see Fuller and Bole.
Bolivia.
 Bond, J., and de Schauensee, R. M., '39, 492 (rev.), '40, 125 (rev.).

- Carriker, M. A., Jr., '36, 114 (rev.).
 Kelso, L., '40, 128 (rev.).
 Slater, W. L., '39, 206 (rev.).
boliviana (Henicorhina), see *Henicorhina*.
 — (Penelope), see *P. jacquacu*.
 — (Pulsatrix), see *Pulsatrix*.
 — (Speotyto), see *Speotyto*.
bolivianus (Oreopsar), see *Oreopsar*.
 — (Oreotrochilus), see *Oreotrochilus*.
 — (Pitangus), see *Pitangus*.
Bombycilla, *behav.* '40, 170-173.
cedrorum (*Cedar Waxwing, Cedar-bird, ^b*Bombicilla*, ^c*cedrus*), *Ark.* '31, 238; *Calif.* '36, 244; *Fla.* '31, 253; *Hond.* '37, 102; *La.* '36, 338-339, '40, 408^a, 410^a; *Mass.* '36, 1; *Mich.* '34, 23, '37, 541, 542; *N. H.* '34, 392; *N. J.* '36, 394; *N. Y.* '33, 114, 227, '36, 1-8; *O.* '31, 375, '37, 326; *Ont.* '39, 15-18; *Pa.* '39, 435^a; *Utah.* '32, 91; *W. I.* '32, 108^a.
 — *court.* '36, 2; *fig.* '36, 1, 5; *fd.* '36, 7-8, 338-339, '37, 541; *hbt.* '40, 177, 178; *mig.* '39, 15-18, 435^a; *nest.* '33, 114, '34, 392, '36, 1-8; *nomen.* '39, 105^b; *song.* '34, 504^a, '38, 266^a; *wt.* '37, 326, '38, 443, 515; *wing area.* '38, 515; *misc.* '33, 121^a, '37, 96^a.
garrula (*Waxwing, European Waxwing, Bohemian Waxwing), *Hungary.* '40, 595.—*avic.* '33, 121^a; *fd.* '33, 258^a, '34, 561^a; *hbt.* '40, 177, 178; *mig.* '33, 257.
pallidiceps (*Bohemian Waxwing, American Waxwing, ^b*garrula*), *Colo.* '31, 432, '37, 7^a; *Mich.* '37, 541-542; *N. Y.* '33, 227; *O.* '32, 225^b; *Wisc.* '32, 493.—*avic.* '33, 121^a; *fd.* '37, 341, '39, 483^a; *song.* '34, 504^a; *misc.* '36, 119^a.
Bombycillidae, *eye.* '38, 240; *hbt.* '40, 177; *song.* '38, 264, 266.
bonana (Icterus), see *Icterus*.
bonapartei (Helianthea), see *Helianthea*.
bonariae (Troglodytes), see *Troglodytes*.
bonariensis (Molothrus), see *Molothrus*.
Bonasa, '39, 103.
brunescens, *B. C.* '35, 481.
canescens (Northern Ruffed Grouse) *Labr., Man., Ont.* '40, 395^a.—*descr.*, *dist.* '40, 395-396.
medianus (Minnesota Ruffed Grouse), *Alla., Minn.* '40, 394^a.—*descr.*, *dist.* '40, 394-396.
monticola (Appalachian Ruffed Grouse), *W. Va.* '40, 392^a.—*charac.* '40, 396; *descr.* '40, 392.
sabini (Oregon Ruffed Grouse), *charac.* '40, 392, 396.
thayeri (*Nova Scotia Ruffed Grouse), *N. B., N. S.* '39, 288.—*dichro.* '40, 79^a; *status.* '40, 391.
togata (*Canada Ruffed Grouse,

- ^b*canadensis*, *Acadia*, '39, 288; *Ga.* '38, 311.—*charac.* '40, 392, 396; *dichro.* '40, 79^a; *dist.* '40, 391; *nomen.* '40, 391^b; *misc.* '40, 393, 394, 395.
umbelloides (Gray Ruffed Grouse, ^b*Tetrao*), *Alla.* '40, 394.—*charac.* '40, 396; *descr.* '40, 393^b; *nomen.* '40, 393; *tax.* '40, 394, 395.
umbellus (*Eastern Ruffed Grouse, Ruffed Grouse), *Conn.* '39, 11^a; *Ind.* '39, 503^a; *Ia.* '40, 130^a; *Me.* '38, 154^a; *Mass.* '32, 101; *Mo.* '38, 142^a; *N. H.* '37, 321-323; *N. Y.* '31, 279^a, '40, 572^a; *N. D.* '40, 109; *O.* '31, 374, 376^a; *Ont.* '36, 462-463, '38, 307^a; *Pa.* '38, 123^a, 154^a, 304^a, '40, 390, 391; *S. C.* '36, 311; *Va.* '35, 483^a; *Wisc.* '36, 472^a.—*behav.* '40, 268^a; *charac.* '40, 396; *destr.* '38, 154^a, '40, 282^a; *dichro.* '40, 390; *disease.* '37, 224^a; *egg.* '40, 56^a; *feather structure.* '34, 516; *flight.* '33, 315^a; *fluctuating nos.* '36, 463, '37, 47^a, '39, 417^a, 418; *fd.* '39, 358^a, '40, 109; *hbt.* '31, 622, '34, 180-199, '36, 125, '37, 407^a; *incub.* '40, 56^a, 58^a; *paras.* '36, 463, '37, 321-323, '40, 270^a; *pl.* '31, 32, '34, 180, 184, 192; *tax.* '40, 390-397; *type loc.* '40, 391; *wt.* '38, 516; *wing area.* '38, 516; *misc.* '36, 115^a, '37, 5^a, 184.
umbellus subsp., *Ky.* '40, 424.
yukonensis (Yukon Ruffed Grouse), *charac.* '40, 396; *tax.* '40, 394.
Bonasia rupestris, *Fr.* '35, 486.
bonasia (Tetrastes), see *Tetrastes*.
Bond, Frank, 1856-1940.
 My bird boarders (rev.), '33, 378.
 [Retirement from government service], '34, 568.
Bond, James.
 A new nuthatch from the island of Grand Bahama (rev.), '31, 644.
 Notes on some birds from St. Lucia, B. W. I., '32, 494-496.
 A new lizard cuckoo from the Dominican Republic (rev.), '34, 267.
 The Cuban nightjar (*Antrostomus c. cubanensis*) in the Isle of Pines, '34, 523.
 The status of the great blue heron in the West Indies, '35, 76-77.
 Lincoln's sparrow (*Melospiza l. lincolni*) nesting near Bangor, Maine, '35, 95-96.
 The systematic position of *Lawrencea* and *Laetes* (rev.), '35, 119.
 Birds of the West Indies (rev.), '36, 105.
 The name of the Antiguan bullfinch, '36, 221.
Vireo nelsoni Bond, '36, 458.

- Resident birds of the Bay Islands of Spanish Honduras (rev.), '36, 469.
 New records for Spanish Honduras, '37, 102.
 Willow thrush in the Magdalen Islands, '37, 102.
 Lincoln's sparrow nesting in Maine, '37, 102-103.
 The Cape May warbler in Maine, '37, 306-308.
 West Indian orioles of the genus *Icterus*, '38, 544.
 Nesting of the white-winged crossbill (rev.), '38, 690.
 Some birds from Montserrat, British West Indies, '39, 193-195.
 On a specimen of *Sporophila cinnamomea* (Lafresnaye), '39, 481.
 Notes on birds from the West Indies and other Caribbean islands (rev.), '39, 492.
 Bahama pintail and cinnamon teal in Cuba, '40, 412.
 Identity of United States specimens of fork-tailed flycatcher, '40, 418-419.
Bond, J., and de Schauensee, R. M.
 The birds of Malpelo Island, Colombia (rev.), '39, 200.
 Descriptions of new birds from Bolivia (rev.), part 1, '39, 492; part 2, '40, 125.
 Description of a new species and subspecies of *Xenodacnis* (rev.), '40, 269.
Bond, John Walpole.
 With sea-birds in the Scillies (rev.), '38, 568-569.
Bond, Richard Marshall.
 A partial list of birds observed in Haiti and the Dominican Republic, '34, 500-502.
 Observations on raptorial birds in the lava beds—Tule Lake region of northern California (rev.), '39, 492.
 A goshawk nest in the upper Sonoran life-zone (rev.), '40, 430.
 Food habits of horned owls in the Pahranaagat Valley, Nevada (rev.), '40, 587.
bonelli (*Phylloscopus*), see *Phylloscopus*.
Bonfills, Frederick Gilmer, 1860-1933.
 Obituary, '34, 70, 132-133.
 Booby, Atlantic Blue-faced, see *Sula dactylatra*.
 Blue-footed, see *Sula nebouxi*.
 Brewster's, see *Sula brewsteri*.
 Brown, see *Sula leucogaster*.
 Masked, see *Sula granti*.
 Red-footed, see *Sula piscator*.
 White-bellied, see *Sula leucogaster*.
Booth, Ernest Sheldon.
 Status of the long-eared owl in southeastern Washington (rev.), '40, 269.
borbae (*Pipra*), see *Pipra*.
borealis (*Buteo*), see *Buteo*.
 — (*Colaptes*), see *C. luteus*.
 — (*Dryobates*), see *Dryobates*.
 — (*Hylocharis*), see *H. leucotis*.
 — (*Lanius*), see *Lanius*.
 — (*Nephoecetes*), see *Nephoecetes*.
 — (*Numenius*), see *Phaeopus*.
 — (*Nuttallornis*), see *N. mesoleucus*.
 — (*Parus*), see *Parus*.
 — (*Phaeopus*), see *Phaeopus*.
 — (*Puffinus*), see *Puffinus*.
 — (*Somateria*), see *Somateria*.
Borell, Adrey Edwin.
 A modern La Brea tar pit, '36, 298-300.
 Starlings arrive in the Rio Grande Valley of New Mexico (rev.), '40, 269.
borelliana (*Ciccaba*), see *Ciccaba*.
 — (*Strix*), see *Ciccaba*.
 — (*Syrnium*), see *Ciccaba*.
boreus (*Myiarchus*), see *Myiarchus*.
borin (*Sylvia*), see *Sylvia*.
Borisia, tax. '36, 108.
bornea (*Eos*), see *Eos*.
borneana (*Halcyon*), see *Halcyon*.
Borneo.
 Banks, E., '38, 298 (rev.).
 Mayr, E., '39, 204 (rev.).
 Riley, J. H., '31, 148 (rev.), '39, 107 (rev.).
bornuensis (*Streptopelia*), see *Streptopelia*.
boscaweni (*Oenanthe*), see *Oenanthe*.
Botaurus, Argent. '37, 231.
lentiginosus (*American Bittern, Bittern), *Fla.* '31, 423^a; *Ill.* '32, 78; *Ia.* '39, 36; *La.* '37, 293; *Mass.* '40, 562; *Mich.* '37, 311; *N. F.* '36, 342; *N. J.* '40, 106; *N. Y.* '39, 470^a; *O.* '31, 367; *Pa.* '31, 113^a; *Tex.* '38, 64; *W. Va.* '33, 94^a. — *mig.* '38, 64; *nest.* '40, 126^a; *note.* '40, 561-562; *wt.* '31, 572, '38, 516; *wing area.* '38, 516; *misc.* '38, 571^a, 691^a, '39, 498^a.
mathewsi, *New Caledonia*, '32, 510.
peeti, *Calif.* '36, 469.
poiciloptilus (Australian Bittern), *N. Z.* '34, 491.
stellaris (*Bittern), *Switz.* '34, 123^a. — *behav.* '37, 270; *note.* '40, 436; *misc.* '31, 639, '36, 365^a.
bottanensis (*Pica*), see *Pica*.
botterii (*Aimophila*), see *Aimophila*.
boucardi (*Aimophila*), see *Aimophila*.
Boughton, Donald Clarke.
 Notes on avian coccidiosis, '37, 500-509.

- Boulton**, [Wolfrid] Rudyerd, [Jr.].
 New species and subspecies of African birds (rev.), '32, 253.
 A new species of tree partridge from Szechuan, China (rev.), '33, 248.
 Traveling with the birds (rev.), '33, 455.
 Errata: African vultures, '34, 230.
 New birds from Angola (rev.), '34, 268.
 Treasurer's annual report, '40, 150-152.
- Boulton**, R., and **Nichols**, J. T.
 A list of birds of Oyster Bay and vicinity, Long Island (rev.), '40, 430.
bourkii (Neophema), see *Neophema*.
- Bowdish**, Beecher Scoville.
 [Obituary of] Robert Hamilton Southard, '31, 325-326.
 Seabirds of New Jersey (rev.), '31, 646.
 [Obituary of] Charles Livingston Bull, '32, 392-393.
- Bowen**, Wilfrid Wedgwood.
 A new race of *Heterotrogon vittatum* from Mount Kenya (rev.), '31, 150.
 Geographical variation in *Poicephalus fuscicapillus* (rev.), '31, 150.
 See Lynes, H., 'Review of the genus *Cisticola*' (rev.), '31, 291-293.
 The South African forms of *Saxicola torquata* (rev.), '31, 304.
 East African birds collected during the Gray African Expedition, 1929 (rev.), '31, 455-456.
 Angolan birds collected during the Gray African Expedition, 1929 (rev.), '31, 456.
 Two new subspecies of Sudanese birds (rev.), '31, 459.
 The geographical forms of *Polihierax semitorquatus* (rev.), '31, 459.
 The name of the East African brown-headed parrot, '32, 86.
 Catalogue of Sudan birds based on the collection in the Sudan Government Museum (Natural History), parts 1, 2 (rev.), '32, 248.
 A new subspecies of woodpecker from East Africa (rev.), '32, 253.
 Geographical variation in *Trachyphonus margaritatus* (rev.), '32, 253.
 Notes on the A. Blaney Percival collection of East African birds, part 1 (rev.), '32, 501.
 Angolan birds collected during the second Gray African Expedition—1930 (rev.), '32, 501.
 African bird distribution in relation to temperature and rainfall (rev.), '34, 112.
 Review of the subspecies of the African scrub-robin (*Erythropgia leucophris* (Vieillot) (rev.), '35, 119.
- Bowen**, W. W., and **Friedmann**, H.
 see *Friedmann* and *Bowen*.
boweni (*Certhilauda*), see *Certhilauda*.
 — (*Glareola*), see *Glareola*.
Bowerbird, *Satin*, see *Ptilonorhynchus violaceus*.
 Spotted, see *Chlamydera maculata*.
- Bowles**, John Hooper, 1875-1934.
 Obituary, '35, 66, 489.
- Bowles**, J. H., and **Decker**, F. R.
 Swainson's hawk in Washington state, '34, 446-450.
- Box**, Harold E.
 Observations on wild cotton in birds' nests in Antigua (rev.), '38, 146.
- Boyd**, Arnold Whitworth.
 American pectoral sandpiper in Cheshire (rev.), '38, 298.
braccatus (*Trogon*), see *Trogon*.
brachidactyla (*Geothlypis*), see *Geothlypis*.
brachydactyla (*Certhia*), see *Certhia*.
- Brachygalba naumburgi**, *Braz.* '32, 129, 254.
- Brachypodius cinereoventris** (^bmajor), *nomen*. '39, 345^b.
brachyptera (*Tachycineta*), see *Tachycineta*.
 — (*Tachyeres*), see *Tachyeres*.
brachypterus (*Colymbus*), see *Colymbus*.
- Brachypteryx langbianensis**, *Indo-China*, '39, 494.
- Brachyramphus**, *tax.* '34, 540.
brevirostris (Kittlitz's Murrelet), *Alas., Sib.*, '36, 214-215.—*egg.* '36, 215.
marmoratus (^aMarbled Murrelet), *Ore.* '33, 216.—*misc.* '39, 152^a.
brachyrhyncha (*Rhipidura*), see *Rhipidura*.
brachyrhynchos (*Corvus*), see *Corvus*.
brachyrhynchus (*Anser*), see *Anser*.
 — (*Larus*), see *Larus*.
- Brachyspiza costaricensis**, *Pan.* '39, 310.
 —*nest*, '39, 310.
matutina (Brazilian Chingolo), *Argent., Braz.*, '31, 57.—*hbt.* '31, 53, 54, 57.
brachytarsus (*Contopus*), see *Myiochanes*.
 — (*Myiochanes*), see *Myiochanes*.
brachyura (*Camaroptera*), see *Camaroptera*.
 — (*Chaetura*), see *Chaetura*.
 — (*Sylvietta*), see *Sylvietta*.
brachyurus (*Buteo*), see *Buteo*.
 — (*Graydidasculus*), see *Graydidasculus*.
bracteatus (*Dicrurus*), see *Dicrurus*.
bradburyi (*Passerculus*), see *P. savanna*.
- Bradfield**, R. D.
 Descriptions of new races of Kalahari

- birds and mammals (reprint), '36, 131.
- Bradlee, Thomas Stevenson, and Mowbray, L. L.**
A list of birds recorded from the Bermudas with additional notes compiled by Warren F. Eaton (rev.), '32, 253-254.
- Bradypterus cavei, Sudan, '40, 273.**
granti, Nyasaland, '39, 492.
moreauli, Tanganyika, '32, 510.
- Brambling, see *Fringilla montifringilla*.
- Bramwell, W. H.**
Cuckoo laying in wheatear's nest (rev.), '38, 569.
- Brand, Albert Rich, 1889-1940.**
Recording sounds of wild birds, '32, 436-439.
Songs of wild birds (rev.), '34, 408-409.
A method for the intensive study of bird song, '35, 40-52.
More songs of wild birds (rev.), '37, 107.
Vibration frequencies of passerine bird song, '38, 263-268.
Native bird songs (rev.), '38, 687-688.
- Brand, A. R., and Axtell, H.**
Song of the chipping sparrow, '38, 125-126.
- Brand, A. R., and Kellogg, P. P.**
Auditory responses of starlings, English sparrows, and domestic pigeons (rev.), '39, 353.
The range of hearing in canaries (rev.), '40, 125.
- Brandreth, Franklin, 1849-1926.**
Obituary, '31, 85, '34, 432-433, 567.
- Brandt, Herbert William.**
Mexican turkey vulture (*Cathartes aura aura*) at Brownsville, Texas, '36, 325.
Some Arizona bird studies, '37, 62-64.
Two new birds from the Chisos Mountains, Texas, '38, 269-270.
Four extra-limital records, '38, 287-288.
- Brant, see *Branta bernicla* and *B. hrota*.
American, see *Branta hrota*.
Black, see *Branta nigricans*.
Eastern, see *Branta hrota*.
- Branta, '37, 565.**
bernicla (Brant), *Den.*, *Germ.*, '37, 567.—*dist.* '37, 109; *fd.* '37, 567.
canadensis (*Canada Goose, ^bAnas, ^cAnser, ^dOutarde), *Acadia*, '40, 76^{ad}; *Baf. I.* '40, 15^a; *B. C.* '38, 297^a; *Calif.* '38, 306^a; *Colo.* '38, 520; *Conn.* '36, 226; *Ga.* '31, 280; *Ill.* '34, 102, '39, 202^a; *Labr.* '37, 17, '38, 661; *Md.* '35, 436^a; *Mass.* '32, 442-444^a; '37, 74^a; '39, 74^a, 224^a; *Mich.* '34, 513, '40, 437^a; *N. F.* '38, 661-662; *N. C.* '35, 438^a, '37, 452, '38, 552^a, '40, 523; *N. S.* '37, 17; *O.* '31, 373, 376^a; *Pa.* '34, 368^a, '35, 198, 436^a, '36, 94^a, '38, 668^a; *Que.* '37, 17; *S. C.* '31, 280, '32, 343; *Va.* '40, 290^a, 523; *W. Va.* '38, 129; *Wisc.* '38, 666, '40, 408^a.—*band.* '38, 306^a; *behav.* '38, 297^a; *egg.* '40, 55^a; *flight.* '33, 314^a; '40, 563^a; *hbt.* '34, 187, '40, 76^d, 530; *hist.* '38, 661^{be}, '40, 76^{ad}; *incub.* '40, 55^a, 58^a; *meas.* '35, 123; *mig.* '40, 524; *nomen.* '40, 76^{ad}; *pl.* '34, 196; *sickness.* '34, 513; *type loc.* '38, 661; *wt.* '36, 119, '38, 517; *wing area.* '38, 517; *misc.* '35, 433, '39, 350^a.
hrota (*American Brant, Eastern Brant, Brant, ^bCravan), *Acadia*, '39, 286^{ab}, '40, 77^{ab}; *Baf. I.* '37, 82-84, '40, 14^a; *Colo.* (?), '38, 520; *Conn.* '32, 360, '37, 74; *Hudson B.* '37, 81-88; *Labr.* '37, 17, 75, 79, 80; *Me.* '37, 74, '38, 550; *Mass.* '32, 442-444^a, 445-453, '37, 73, 74; *N. B.* '37, 74, 76, 88; *N. Y.* '33, 427-428^a, '37, 73, 88, '39, 179^a; *N. C.* '35, 318, 319; *N. S.* '37, 73, 88; *Pa.* '33, 230; *P. E. I.* '37, 76, 88; *Que.* '37, 74-94; *Scotl.* '40, 583^a; *S. C.* '33, 209; *Ung.* '37, 80-88; *Vt.* '37, 75; *W. Va.* '38, 129; *Wisc.* '38, 666.—*dist.* '33, 201, '37, 109; *flight.* '37, 90-91; *fd.* '37, 91, 92, 218^a, '39, 287^a, '40, 289^a; *hbt.* '32, 445-453; *mig.* '33, 427-428^a, '37, 73-95; *nomen.* '40, 77^{ab}; *protec.* '37, 427^a, '40, 289^a; *wt.* '38, 517; *wing area.* '38, 517; *misc.* '36, 59^a, 65.
hutchinsi (*Hutchins's Goose), *Baf. I.* '40, 14-15^a, 20^a; *Colo.* '38, 520^a (err.); *Md.* '37, 259; *Tex.* '33, 61.—*fd.* '40, 76-77^a; *hbt.* '40, 77^a; *meas.* '35, 123; *misc.* '33, 86, '38, 289^a.
interior, *Que.* '38, 662^a.—*descr.*, *meas.*, '38, 662.
leucopareia (*Lesser Canada Goose), *Calif.* '40, 129^a; *Colo.* '38, 520.—*meas.* '35, 123, '38, 520.
leucopsis (*Barnacle Goose), *Den.* '37, 567^a; *Germ.* '37, 567^a, '38, 573; *Greenl.* '39, 143; *O.* '32, 460.—*dist.* '33, 202; *fd.* '37, 218^a, 567^a, '38, 573, '39, 143.
minima (*Cackling Goose), *Calif.* '40, 129^a; *Colo.* '38, 520 (err.).
nigricans (*Black Brant), *Calif.* '38, 576^a, '39, 357^a, '40, 436^a; *Tex.* '38, 132.—*census.* '38, 576^a, '39, 357^a, '40, 436^a; *destr.* '40, 127^a; *dist.* '37, 109.
occidentalis (*White-cheeked Goose), *Calif.* '38, 306^a.
ruficollis (*Red-fronted Goose), *Den.*, *Germ.*, '37, 567^a.—*fd.* '37, 567^a; *mig.* '40, 271.

Brassard, Joseph Armand.

Blue goose in St. Joachim, Quebec, '38, 667.

Brassard, J. A., and Bernard, R.

Willow ptarmigan at the Quebec Zoological Gardens, '37, 514-515.

brassi (Melidectes), see Melidectes.

Braund, Frank William, and McCullagh, E. P.

The birds of Anticosti Island, Quebec (rev.), '40, 587.

Brauner, Joseph.

Parasitic jaeger in Connecticut, '36, 445.
brauni (Laniarius), see Laniarius.

Bray, Charles W., and Wever, E. G.

see Wever and Bray.

Bray, Reynold Jocelyn Onslow, 1911-1938.

Obituary, '40, 139-140.

Brasil.

Barbour, T., '40, 416.

Berlioz, J., '39, 492 (rev.).

Bond, J., '39, 481.

Brodkorb, P., '36, 83.

Griscom, L., and Greenway, J. C., Jr., '37, 562 (rev.).

Guimaraes, L. R., and Lane, F., '38, 692 (rev.).

Holt, E. G., '31, 570-571.

Kelso, L., '34, 522-523, '40, 128 (rev.).

Miranda-Ribeiro, A. de, '38, 695 (rev.).

Naumburg, E. M. B., '31, 135-136 (rev.), '32, 506 (rev.), '34, 493-496, '38, 577 (rev.), '40, 436 (rev.).

Oberholser, H. C., '32, 257 (rev.).

Pinto, O. M. de O., '36, 108-109 (rev.), 356 (rev.), '38, 696 (rev.).

Schneider, A., '38, 580 (rev.).

Stone, W., and Roberts, H. R., '35, 110-111 (rev.).

Underdown, C. E., '33, 323-324.

brazilus (Ramphocelus), see Ramphocelus.

brea (Strix), see Strix.

Breagyps clarki (bVultur), fos. '38, 695; tax. '38, 686^b.**Breathing Frequency of Birds.**

Zimmer, K., '38, 584 (rev.).

Breckenridge, Walter John.

The harlequin duck in Minnesota, '32, 345.

American egret in Minnesota, '40, 411-412.

Breckenridge, W. J., and Errington, P. L.

Food habits of small falcons in north-central states, '38, 668-670.

brehmi (Psittacella), see Psittacella.

brehmicus (Regulus), see Regulus.

Brennan, James M.

Additional records of Hippoboscidae from mourning doves (rev.), '39, 200.

breviauris (Asio), see A. suindus.

brevicarinatus (Ramphastos), see Ramphastos.

brevicauda (Thryomanes), see Thryomanes.

brevicaudus (Saltator), see Saltator.

brevipes (Egretta), see Demigretta sacra.

brevirostris (Brachyramphus), see Brachyramphus.

— (Haliëtor), see Haliëtor.

— (Lagopus), see Lagopus.

— (Lampornis), see Lampornis.

— (Melithreptus), see Melithreptus.

— (Phalacrocorax), see Haliëtor.

— (Rissa), see Rissa.

— (Smicrornis), see Smicrornis.

— (Syma), see Syma.

breviunguis (Dendroica), see D. striata.

breweri (Spizella), see Spizella.

Brewster, William, 1851-1919.

October farm (rev.), '37, 217.

Concord River (rev.), '38, 139-140.

The birds of the Lake Umbagog region of Maine, part 3 (rev.), '38, 144.

Brewster Medal Award.

'32, 52; '34, 53; '36, 57; '38, 317; '39, 113; '40, 142.

brewsteri (Dendroica), see Dendroica.

— (Egretta), see Egretta.

— (Empidonax), see Empidonax.

— (Sula), see Sula.

— (Vireo), see Vireo.

Bridge, Edmund, 1843-1931.

Obituary, '33, 83.

Brimley, Clement Samuel.

[Receives testimonial from Biological Survey], '31, 333.

The birds of Raleigh, N. C. (rev.), '32, 129.

Brimley, Herbert Hutchinson.

Occurrence of the pomarine jaeger in North Carolina, '34, 233-234.

Saw-whet owl in North Carolina, '34, 237.

Unusual actions of a phoebe (Sayornis phoebe), '34, 237-238.

Blue goose and glaucous gull in North Carolina, '35, 443-444.

An unusual gathering of marsh hawks in central North Carolina, '35, 445-446.

Record of snow bunting (Plectrophenax n. nivalis) in North Carolina, '35, 460.

Notes from North Carolina, '38, 130-131.

British Columbia.

Brooks, A., '34, 243-244, '39, 493 (rev.), '40, 270 (rev.).

Cahalane, V. H., '40, 283.

Cowan, I. McT., '38, 690 (rev.).

- Laing, H. M., '35, 305-307, '38, 525-527.
- Munro, J. A., '38, 306 (rev.), '39, 498 (rev.), '40, 130 (rev.), 274 (rev.), 592 (rev.).
- Munro, J. A., and Clemens, W. A., '38, 152 (rev.).
- Parham, H. J., '38, 297-298 (rev.).
- Pearse, T., '36, 446-447, '39, 205 (rev.).
- Racey, K., '33, 205.
- Snyder, L. L., '39, 108 (rev.).
- Sprot, G. D., '38, 581 (rev.).
- Sutton, G. M., '35, 79-80.
- Taverner, P. A., '40, 594 (rev.).
- British Guiana.**
- Blake, E. R., '39, 470-471.
- Chapman, F. M., '32, 245-247 (rev.).
- British Trust for Ornithology.**
- [Foundation], '34, 138.
- Publications, vol. 1 (rev.), '40, 428.
- britannica (Carduelis), see C. carduelis.
- Brock, Gwendolen T.**
- The morphology of the ostrich chondrocranium (rev.), '38, 299.
- brodei (Glaucidium), see Glaucidium.
- Brodie Club.**
- Publications, '31, 479.
- Brodkorb, Pierce.**
- Arkansas kingbird in Florida, '31, 270.
- Description of a new warbler from Guadeloupe, West Indies (rev.), '31, 305.
- Remarks on the genus *Limnodromus* Wied (rev.), '33, 459.
- A hybrid in the genus *Dendroica*, '34, 243.
- Notes from central Illinois, '34, 403.
- A new pitta from Palawan, Philippine Islands (rev.), '34, 551.
- Geographical variation in *Belonopterus chilensis* (Molina) (rev.), '34, 551.
- A sparrow hawk gynandromorph, '35, 183-184.
- Bicknell's thrush in New Jersey, '35, 191.
- The name of the western race of red-headed woodpecker (rev.), '35, 212.
- A new bird for Idaho, '35, 312.
- A new flycatcher from Texas (rev.), '35, 340.
- The correct name of the spotted flycatcher, '35, 457.
- A new ovenbird from Paraguay (rev.), '35, 479.
- Two new subspecies of the red-shafted flicker (rev.), '35, 479.
- Fargo's thorn-bird in Matto Grosso, '36, 83.
- Recent records of some uncommon Michigan birds, '36, 455.
- Geographical variation in the piñon jay (rev.), '36, 469.
- A new subspecies of bittersn from western North America (rev.), '36, 469.
- A new genus for *Empidonax atriceps* Salvin (rev.), '36, 469.
- Golden eagle in Illinois, '37, 100.
- Giant red-wing in New York, '37, 396.
- New or noteworthy birds from the Paraguayan Chaco (rev.), '37, 406.
- Some birds of the Amazonian islands of Caviana and Marajó (rev.), '37, 406.
- Ein neuer Name für *Larus canus* major Middendorff (rev.), '37, 406.
- A new genus of tyrant flycatchers (rev.), '37, 406.
- The southern races of the great antshrike, *Taraba major* (rev.), '37, 406.
- Virginia's warbler in Idaho, '38, 125.
- Five new birds from the Paraguayan Chaco (rev.), '39, 100.
- New birds from the district of Soconusco, Chiapas (rev.), '39, 100.
- A new species of crested tinamou from Paraguay (rev.), '39, 100.
- Further additions to the avifauna of Paraguay (rev.), '39, 200.
- New subspecies of birds from the district of Soconusco, Chiapas (rev.), '39, 353.
- Rediscovery of *Heleodytes chiapensis* and *Tangara cabanisi*, '39, 447-450.
- New birds from southern Mexico, '40, 542-549.
- A southern race of the jacana (rev.), '40, 587.
- Brodkorb, P., and Hinshaw, T. D.**
- Some birds of the Black Hills of South Dakota and Wyoming, '38, 554-555.
- Brodkorb, P., and Stevenson, J.** (See also Stevenson and Brodkorb.)
- Additional northeastern Illinois notes, '34, 100-101.
- Brodrick, Harold James.**
- Nesting and remating of a pair of bluebirds, '38, 538-539.
- Rock sparrow at Carlsbad Caverns National Park, New Mexico, '40, 421-422.
- Broekhuysen, G. J., Jr.**
- Gedrangingen van geslachtsrijpe en nog niet geslachtsrijpe Zilver- en Grote Mantelmeeuwen (*Larus argentatus* Pont. et *Larus marinus* L.) buiten de broedtijd (rev.), '38, 569.
- bromia (*Cyanocitta*), see C. cristata.
- brooki (*Penelope*), see *Penelope*.
- Brooks, Allan [Cyril].**
- The relationships of the American magpies, '31, 271-272.

- The iris of the Florida boat-tailed grackle, '32, 94-95.
- The color of the iris in the American merganser and Holboell's grebe, '32, 462-463.
- Some notes on the birds of Brownsville, Texas, '33, 59-63.
- [Color plates of ibises, herons and flamingos] (rev.), '33, 134.
- [Color plates of crows, magpies and jays] (rev.), '33, 245.
- The juvenal plumage of Townsend's warbler (*Dendroica townsendi*), '34, 243-244.
- Blithe birds of dooryard, bush and brake (rev.), '34, 411.
- [Paintings of blackbirds, orioles, etc.] (rev.), '34, 543-544.
- [On ducks, geese and swans] (rev.), '35, 113-114.
- The migration of North American shore birds to New Zealand, '36, 80-81.
- A nondescript blackbird from Arizona, '37, 160-163.
- Thayer's gull (*Larus argentatus thayeri*) on the Pacific coast (rev.), '38, 146.
- Blue duck or mountain duck, '38, 272.
- Eclipse in ducks of the southern hemisphere, '38, 272-273.
- Juvenal plumage of the evening grosbeak, '39, 191-192.
- Migrations of the skua family (rev.), '39, 493.
- The downy young of some Nearctic limicolines (rev.), '40, 125.
- The pine grosbeak of southwestern British Columbia (rev.), '40, 270.
- Brooks, A., and Allen, A. A.**
see Allen and Brooks.
- Brooks, A., and Fuertes, L. A.**
see Fuertes and Brooks.
- Brooks, A., and Pearson, T. G.**
[On thrushes, thrashers and swallows] (rev.), '36, 354-355.
- Brooks, A., and Wetmore, A.**
see Wetmore and Brooks.
- Brooks, Alonzo Beecher.**
West Virginia breeding record for the saw-whet owl, '33, 361-362.
Hermit thrushes nesting in West Virginia, '35, 456.
- Brooks, Chester Kingsley.**
King eider in Ohio, '40, 563-564.
- Brooks, Earle Amos.**
List of the birds of West Virginia (rev.), '31, 294.
Notes on West Virginia water birds, '34, 248-249.
Observations on some Newfoundland birds, '36, 342-345.
- A descriptive bibliography of West Virginia ornithology (rev.), '38, 686.
- Brooks, Maurice Graham.**
Carolina wrens roosting in abandoned hornets nests, '32, 223-224.
Sycamore warbler in central West Virginia, '32, 226.
American egret in Lewis County, West Virginia, '33, 94.
Lark sparrow breeding in West Virginia, '33, 121.
Peculiar behavior of hawks with flocks of starlings, '33, 211.
Cape May warblers destructive to grapes, '33, 222-223.
Apparent range extension of the eastern Savannah sparrow, '33, 443.
Notes on the bobolink in West Virginia, '34, 90-91.
First West Virginia record for the sanderling, '34, 232-233.
Gray-cheeked thrush in West Virginia, '34, 241.
The golden eagle in West Virginia, '34, 370.
An unusual red-headed woodpecker accident, '34, 379.
Northern and southern birds meeting on a West Virginia mountain, '34, 394-396.
Gray-cheeked thrush (*Hylodichla minor aliciae*) in West Virginia—a correction, '34, 525.
Canadian pine grosbeak in West Virginia, '34, 530.
Red-legged black duck in West Virginia, '35, 181.
Does the female woodcock ever sky dance?, '35, 307-308.
Unusual birds in central West Virginia, '36, 96-98.
Red-throated loon and Holboell's grebe in West Virginia, '36, 202.
Snow buntings in Harrison County West Virginia, '36, 223-224.
Solitary sandpiper in summer at Deep Creek Lake, Maryland, '36, 444.
Winter killing of Carolina wrens, '36, 449.
Lapland longspurs noted in West Virginia, '36, 454.
Snowy egret in West Virginia, '38, 122.
Shorebirds at a western Maryland lake, '38, 126-127.
Evening grosbeaks in Owen Sound, Ontario (rev.), '38, 298.
Bachman's sparrow in the north-central portion of its range (rev.), '39, 100.
The eastern lark sparrow in the upper Ohio Valley (rev.), '39, 100.

- Brooks, M. G., and Boggs, I. B.**
Scoters on Lake Lynn, West Virginia, '38, 122-123.
- Brooks, M. G., and Haller, K.**
Eastern Henslow's sparrow breeding in West Virginia, '36, 453.
- Brooks, M. G., Haller, K., et al.**
see Haller, Brooks, et al.
- Brooks, M. G., and Lunk, W. A.**
see Lunk and Brooks.
- Brooks, Walter D.**
Brown pelican in Massachusetts, '34, 77.
- Brooks, Winthrop Sprague.**
Eastern robin laying white eggs, '33, 221.
- brooksi* (*Hesperiphona*), see *Hesperiphona*.
- Brotogeris, avic.** '40, 272.
jugularis, *hbt.* '38, 479.
- Brown, Maurice.**
Some unusual birds for Berkshire County, Massachusetts, '31, 130.
Occurrence of the Barrow's golden-eye and (greater ?) snow goose in Berkshire County, Massachusetts, '31, 413-414.
The hawk migration during the fall of 1934, along the Kittatiny Ridge of Pennsylvania, '35, 233-248.
Ravens in the Kittatiny Ridge of Pennsylvania, '35, 311.
Eastern hermit thrush (*Hylocichla guttata faxoni*) in song in Florida, '35, 311.
Notes on some unusual birds in Florida, '35, 320-321.
Three seasons at Hawk Mountain Sanctuary (rev.), '37, 406.
Fall migrations of hawks at Hawk Mountain, Pennsylvania, 1934-1938, '39, 429-441.
- Brouwer, G. A.**
Waarnemingen van broedvogels en trekvogels in 1936 (rev.), '38, 298-299.
- Brower, Charles D., Bailey, A. M., and Bishop, L. B.**
see Bailey, Brower, and Bishop.
- Brown, C. Emerson.**
My animal friends (rev.), '32, 372.
- Brown, Edward Johnson, 1866-1934.**
Obituary, '34, 565-566, '35, 66.
- Brown, Frank Arthur, Jr., and Rollo, Marie.**
Light and molt in weaver finches, '40, 485-498.
- Brown, George.**
Aggressive display of birds before a looking-glass (rev.), '38, 299.
- Brown, John Willcox.**
Lesser snow goose in South Carolina, '32, 343.
The snowy owl in South Carolina, '32, 351.
First record of ring-necked duck in Delaware, '34, 227-228.
Lawrence's warbler in Delaware, '34, 242-243.
The mourning warbler in Maryland, '34, 244.
The swallow-tailed kite in South Carolina, '34, 369-370.
- Brown, Samuel Hatz.**
An influx of Leach's petrels, '34, 74.
- Brown, Wilmot Wood, Jr.**
[Collections in Chiriqui], '36, 232-233.
- browni* (*Sterna*), see *Sterna*.
- Bruce, James.**
Yellow-crowned night heron in Ohio, '31, 593-594.
- bruijnii* (*Aepypodius*), see *Aepypodius*.
- Brüll, Heinz, and Stülcken, K.**
see Stülcken and Brüll.
- Brummitt, D. W.**
Stomach contents and early parasitic infestation in the marsh tern (*Chlidonias leucopareia*) (rev.), '39, 201.
- bruniventris* (*Carduelis*), see *Carduelis*.
- brunneicapillus* (*Heleodytes*), see *Heleodytes*.
- brunneicephalus* (*Larus*), see *Larus*.
- brunneicollis* (*Troglodytes*), see *Troglodytes*.
- brunneiventris* (*Diglossa*), see *Diglossa*.
- (*Tinamus*), see *Tinamus*.
- brunnescens* (*Ammodramus*), see *Passerculus*.
- (*Bonasa*), see *Bonasa*.
- (*Buteo*), see *Buteo*.
- (*Laterallus*), see *Laterallus*.
- (*Nyctiphrynus*), see *Nyctiphrynus*.
- (*Passerculus*), see *Passerculus*.
- (*Penelope*), see *Penelope*.
- (*Strix*), see *Strix*.
- brunneus* (*Pyrrholaemus*), see *Pyrrholaemus*.
- brunnitorques* (*Chaetura*), see *Chaetura*.
- (*Chaeturellus*), see *Chaetura*.
- Bryan, Paul, and Cahn, A. R.**
see Cahn and Bryan.
- Bryant, Charles Ernest.**
A note on the Australian dotterel (rev.), '40, 430.
Photography in the swamps: the moorhen (rev.), '40, 430.
- Bryant, Harold Child.**
Report of the committee on bird protection, '31, 91-94; '32, 74-76; '33, 87-90; '34, 71-73; '35, 70-73; '36, 70-73; '37, 426-428; '38, 326-329.

- The first recorded lists of birds in the United States, '34, 451-453.
 bryanti (Passerculus), see Passerculus.
Bryens, Oscar McKinley.
 Snowy owl in Michigan, '32, 351.
 Harris's sparrow again in Luce County, Michigan, '32, 358.
 Hornemann's redpoll (*Acanthis h. hornemanni*) in Luce County, Mich., '35, 95.
 Harris's sparrow again in Luce County, Michigan, '36, 341-342.
 Bohemian waxwing in Luce County, Michigan, '37, 541-542.
 Some notes on the migration of the family Fringillidae at McMillan, Luce County, Michigan (rev.), '40, 270.
 Some notes on the spring flights of the northern blue jay at McMillan, Luce County, Michigan (rev.), '40, 430.
Bryens, O. McK., and **Walkinshaw**, L. H.
 Piping plover (*Charadrius melodus*) breeding in the upper peninsula of Michigan, '36, 210.
 byroni (*Reinholdia*), see *Puffinus byroni*.
Buarremon, tax. '37, 212.
 exortus, Venez. '33, 142.
 verecundus, Sinaloa, '38, 695.
Bubo, *morph.* '36, 56; *nomen*. '40, 439.
 algestus (St. Michael's Horned Owl), foot, '36, 55.
 ascalaphus, misc. '34, 558.
 auspiciabilis, misc. '32, 138.
 baschkirikus, d'Ufa, '33, 256.
 bengalensis (Rock Horned Owl), India, '38, 301.
 blakistoni, plm. '36, 56.
 bubo (*Eagle Owl), Germ. '36, 359*.
 —*fd.* '34, 124, 258, 417, '38, 697*; *hbt.* '34, 123; *tax.* '32, 138; *misc.* '36, 249*, '38, 180.
 eversmanni, misc. '32, 138.
 heterocnemis (*Labrador Horned Owl), Labr. '37, 46*.
 icelus, tax. '39, 95.
 karafutonis, Sakhalin, '31, 642.
 lagophonus (*Northwestern Horned Owl), Nebr. '38, 309*.
 leucomelas, B. C. '32, 129.
 mayensis (Yucatan Horned Owl), foot, '36, 55; *misc.* '35, 483.
 melancerus (Oaxaca Horned Owl), Mex. '35, 422.—*foot*, '36, 55.
 nipalensis, plm. '36, 56.
 occidentalis (*Montana Horned Owl), Ariz. '39, 322; *Mass.* '38, 279; *Nev.* '40, 587*; *Ore.* '40, 432*—*dist.* '38, 309*; *fd.* '40, 587*; *nid.* '40, 432*.
 omissus, Ashkhabad, '33, 256.
 orientalis, plm. '36, 56.
 pacificus (*Pacific Horned Owl), Calif. '31, 425, '38, 532, '40, 572-573.—*age*, '40, 572-573; *behav.* '38, 532, '39, 501*; *courtship*, '38, 532; *fd.* '31, 425; *note*, '38, 532; *paras.* '38, 149; *wt.* '38, 517; *wing area*, '38, 517; *misc.* '36, 246*.
 pallescent (*Western Horned Owl, Pallid Horned Owl), Mex. '35, 253, 422; *Nebr.* '38, 309*; *Utah*, '31, 620.—*foot*, '36, 55; *pl.* '35, 252.
 philippinensis, plm. '36, 56.
 piscivorus, Manchuria, '34, 122.
 saturatus (*Dusky Horned Owl), eye, '38, 227*, 243*.
 sibiricus (*Ural Owl), misc. '36, 249*.
 subarcticus (*Arctic Horned Owl), Minn. '38, 309*; *N. D.* '38, 309*; *Sask.* '39, 279-280.—*foot*, '36, 55; *misc.* '38, 279.
 virginianus (*Great Horned Owl), Ark. '31, 237; *Fla.* '31, 246*, '35, 79; *Ill.* '33, 372; *Ind.* '39, 503*; *Ia.* '36, 334*; '39, 279*; *Kans.* '39, 274-282*; *La.* '34, 236; *Mich.* '39, 279*; *N. Y.* '33, 220*, '38, 569*, '39, 274-282*, '40, 571-572; *N. D.* '39, 75*; *Ont.* '39, 411-419*; *S. C.* '36, 312; *Tenn.* '40, 132*; *Tex.* '35, 187; *Wisc.* '35, 309, '39, 279*, '40, 272*, 572*—*courtship*, '39, 352*; *disease*, '40, 571-572; *dist.* '38, 309*; *ecol.* '39, 354*; *eye*, '38, 226*, 242*; *fluctuating nos.* '39, 411-419*; *fd.* '36, 334*, '40, 80*, 572; *foot*, '36, 52; *hbt.* '36, 127*, '39, 274-282; *nest*, '33, 220*, 372, '35, 309, '40, 593*; *note*, '38, 523*; *song*, '35, 46*; *ter.* '39, 274-282; *wt.* '38, 517; *wing area*, '38, 517; *misc.* '34, 522*, '35, 79, '36, 58*, 64*, 72*, 110*, '37, 180*, '39, 94*, 200, 501*, '40, 252*, 262*, 436*.
 bubo (*Bubo*), see *Bubo*.
Bubonidae, tax. '38, 180.
Buboninae, tax. '38, 179.
Bubulcus ibis (*Buff-backed Heron, Cattle Heron), Arabia, '37, 405; *Br. Guiana*, '39, 470-471.—*fd.* '37, 405; *meas.* '39, 470; *plm.* '39, 470; *misc.* '36, 474*.
Buccanodon belcheri, tax. '38, 692.
 kilimense (*White-eared Barbet), Afr. '37, 417*—*misc.* '37, 109*.
 olivaceum, Afr. '40, 319.—*fledg.* '40, 319; *tax.* '38, 692.
 stresemanni, Afr. '34, 560.
 buccinator (*Bycanistes*), see *Bycanistes*.
 — (*Cygnus*), see *Cygnus*.
Bucco collaris (Collared Puff-bird, *B. collaris*), hbt. '37, 416*.
Bucconidae, anat. '38, 308.
 buceroides (*Tropidorhynchus*), see *Tropidorhynchus*.

- Buceros** (^bCalao), *nomen*. '31, 600-601.
rhinoceros, *nomen*, *tax.*, '31, 600.
Bucerotidae, *hbt.* '40, 178, 318, 323; *misc.* '40, 324.
Buckalew, Herbert.
 American egret nesting in Delaware, '33, 206.
 Nesting of boat-tailed grackle and blue-winged teal in Delaware, '34, 384.
 Food of young laughing gulls, '38, 672.
Bucorvus, *nerves*, '37, 365.
abyssinicus (Ground Hornbill), *Afr.* '37, 564.—*nid.* '37, 564.
cafer, *Afr.* '40, 318.—*fledg.* '40, 318.
 Budgerigar, see *Melopsittacus undulatus*.
Budytes beema (^aSykes's Wagtail), *Engl.* '36, 248^a.
flava (^aYellow Wagtail), *Germ.* '37, 552^a.
 Buffle-head, see *Charitonetta albeola*.
Bugeranus carunculatus (^aWattled Crane), *misc.* '36, 121^a.
Buick, T. Lindsay.
 The mystery of the moa, New Zealand's avian giant (rev.), '32, 252.
 The moa-hunters of New Zealand (rev.), '38, 562-563.
 Bulbul, Guava, see *Pycnonotus goiavier*.
 Palestine, see *Pycnonotus xanthopygos*.
 Philippine, see *Iole gularis*.
Bull, Charles Livingston, 1874-1932.
 Obituary, '32, 392-393, '33, 83.
 bulleri (*Thyellodroma*), see *Thyellodroma*.
Bulletin of New England Bird Life.
 Announcement of publication, '37, 231.
 Bullfinch, see *Pyrrhula europea* and *P. pyrrhula*.
 Antigua, see *Loxigilla ridgwayi*.
 Lesser Antillean, see *Loxigilla coryi*.
Bullock, Dillman Samuel.
 The snowy plover (*Charadrius alexandrinus occidentalis*) nesting in Chile, '36, 170-172.
 bullocki (*Aphrastura*), see *Aphrastura*.
 — (*Icterus*), see *Icterus*.
 bulweri (*Bulweria*), see *Bulweria*.
 — (*Lobiophasis*), see *Lobiophasis*.
Bulweria bulweri (Bulwer's Petrel), *misc.* '37, 148.
Bulweriinae, *ost.* '37, 110.
Bump, Gardiner, Clark, L. B., and Leonard, S. L.
 see Clark, Leonard and Bump.
Bunnell, Sterling.
 Aeronautics of bird flight (rev.), '31, 153.
 Bunting, Black-faced, see *Emberiza spodocephala*.
 Corn, see *Emberiza calandra*, and *E. emberiza*.

- Cow, see *Molothrus ater*.
 Eastern Snow, see *Plectrophenax nivalis*.
 Gold-breasted, see *Emberiza flaviventris*.
 Indigo, see *Passerina cyanea*.
 Lark, see *Calamospiza melanocorys*.
 Lazuli, see *Passerina amoena*.
 Meadow, see *Emberiza cia*.
 Painted, see *Passerina ciris*.
 Reed, see *Emberiza schoeniclus*.
 Rustic, see *Emberiza rustica*.
 Snow, see *Plectrophenax nivalis*.
 Townsend's, see *Spiza townsendi*.
 Varied, see *Passerina versicolor*.
 Yellow, see *Emberiza caliginosa*, and *E. citrinella*.
 buphilus (*Molothrus*), see *Molothrus*.
 burbridgei (*Otus*), see *Otus*.
 burchelli (*Centropus*), see *Centropus*.
Burg, Gustave von, and Knopfli, W.
 Les oiseaux de la Suisse . . . XVIIe livraison (rev.), '31, 145.
 bürgersi (*Ptilorhoa*), see *Ptilorhoa*.
Burgess, Henry Clinton, 1883-1934.
 Obituary, '35, 66.
Burhinidae, *tax.* '31, 634.
Burhinus bistriatus (^bOedicnemus), C. R. '33, 299^b.
dominicensis (^aThick-knee, ^bOedicnemus), *W. I.* '32, 108^b.—*nid.* '32, 108^b.
oedicnemus (^aStone Curlew), *hbt.* '33, 384, '34, 120^a, 275, '40, 176, 178.
senegalensis, *misc.* '32, 137.
vigilans, C. R., '35, 208.
Burleigh, Thomas Dearborn.
 Occurrence of the eastern Savannah sparrow in West Virginia and Maryland in summer, '32, 97.
 The golden-crowned kinglet, a summer visitor in the District of Columbia, '32, 485-486.
 The song sparrow now a breeding bird in South Carolina, '33, 226.
 A breeding record for the Florida grackle in the piedmont region of South Carolina, '34, 91-92.
 Description of a new subspecies of yellow-throat from Georgia (rev.), '34, 268.
 The breeding range of the painted bunting in South Carolina, '35, 95.
 The pine-woods sparrow a breeding bird in South Carolina, '35, 194.
 Notes on the winter bird life of the Delaware coast, '35, 317-318.
 Two new birds from the southern Appalachians (rev.), '35, 340.
 Brewer's blackbird (*Euphagus cyanocephalus*) in Alabama, '36, 452-453.

- Bird life on the North Carolina coast, '37, 452-460.
 Mexican turkey vulture in southern Florida, '38, 520-521.
 Second record of Brewer's blackbird in Alabama, '38, 545.
 The birds of Athens, Clarke County, Georgia (rev.), '38, 690.
 Alta Mira oriole in Texas—an addition to the A. O. U. 'Check-list,' '39, 87-88.
 Notes on a recent field trip to southern Florida (rev.), '40, 125.
Burleigh, T. D., and Howell, A. H.
 see Howell and Burleigh.
Burleigh, T. D., and Lowery, G. H., Jr.
 Description of two new birds from western Texas (rev.), '40, 270.
 Brewer's blackbird in Florida, '40, 574-575.
Burleigh, T. D., and Sutton, G. M.
 see Sutton and Burleigh.
 burleighi (Thryothorus), see Thryothorus.
Burma.
 Garthwaite, P. F., and Ticehurst, C. B., '38, 302 (rev.).
 Livesey, T. R., '37, 564 (rev.).
 Mayr, E., '38, 695 (rev.).
 Sick, H., '39, 499 (rev.).
 Stanford, J. K., '39, 360 (rev.).
 Stanford, J. K., and Ticehurst, C. B., '38, 581 (rev.), 698 (rev.), '39, 108 (rev.), 206 (rev.), 499 (rev.).
 Stresemann, E., and Heinrich, G., '40, 439 (rev.).
 burmae (Tchitrea), see Tchitrea.
 burmanicus (Caprimulgus), see Caprimulgus.
 — (Ploceus), see Ploceus.
Burnett, William Lewis, 1870-1934.
 Obituary, '35, 66.
Burns, Franklin Lorenzo.
 In re "Townsend's Oregon Tubinares," '31, 106-108.
 [Receives testimonial from Biological Survey], '31, 333.
 Townsend's sooty albatross, '34, 225.
 Type localities of Townsend's "Columbia River" birds, '34, 403-404.
 The song periods of some common southeastern Pennsylvania birds in comparison with their seasonal reproductive cycles (rev.), '38, 569.
Burrica, tax. '40, 129.
Burt, William Henry.
 Adaptive modifications in the woodpeckers (rev.), '31, 296.
 The resident birds of southern Michigan (rev.), '36, 477.

- Burtch, Verdi.**
 [Obituary of] Elon Howard Eaton, '35, 224.
 Common tern (*Sterna hirundo hirundo*) nesting on Oneida Lake in western New York, '36, 446.
 Lapland longspur (*Calcarius lapponicus lapponicus*) in central New York in April, '36, 454.
Burton, Edward Milby, and Chamberlain, E. B.
 Laughing gull breeding on the South Carolina coast, '33, 360.
Busarellus nigricollis (Black-collared Hawk), *Hond.* '36, 186, 188; *Venez.* '35, 329.—*colors*, '36, 188.
 Bush-shrike, Green, see *Nicator gularis*.
 Bush-tit, see *Psaltriparus minimus*.
 Black-eared, see *Psaltriparus melanotis*.
 California, see *Psaltriparus californicus*.
 Coast, see *Psaltriparus minimus*.
 Lead-colored, see *Psaltriparus plumbeus*.
 Lloyd's, see *Psaltriparus lloydi*.
Bussmann, J.
 Biologische Beobachtungen über die Entwicklung der Schleiereule (rev.), '38, 299.
 Bustard, Great, see *Otis tarda*.
 Houbara, see *Chlamydotis undulata*.
Butastur indicus (*Tic-wee Buzzard), *P. I.* '38, 173^a.
 liventer, *Java*, '36, 123.
 Butcherbird, Gray, see *Cracticus torquatus*.
Buteo, Pa. '39, 430; *Venez.* '35, 329.—*fd.* '39, 102; *hbt.* '38, 523; *misc.* '36, 395, 404.
alascensis (Alaska Red-tailed Hawk), *tax.* '36, 360.
ales (*Geranoaëtus*), *tax.* '33, 212, 212^b.
antecursor, fos. '35, 215.
borealis (*Eastern Red-tailed Hawk, Red-tailed Hawk, *bjamaicensis*), *Ark.* '31, 237; *Ill.* '40, 431^a; *Ia.* '34, 254; *Mass.* '37, 343^a, 411^a; *Mex.* '40, 237^b; *Mich.* '34, 25, '38, 195; *N. H.* '38, 296^a; *N. J.* '31, 426^a, '36, 394^a; *O.* '31, 374, 377^a; *Pa.* '34, 19, '35, 237^a, 243, 244, '37, 406^a, '39, 432-437; *S. C.* '33, 356.—*anat.* '31, 118, '32, 463^a; *band.* '35, 242^a; *blood.* '37, 517; *egg.* '40, 55^a; *flight.* '39, 432^a; *fd.* '34, 254; *incub.* '40, 55^a, 58^a; *mig.* '34, 19, 24, '35, 237^a, 243, 244, '37, 411^a, '39, 433, 435^a; *nest.* '33, 356; *nomen.* '36, 117; *paras.* '38, 82-83^a; *tax.* '36, 360; *wt.* '31, 573, '38, 517; *wing area.* '38, 512-513^a, 517; *misc.* '36, 72^a, 302^a, 304^a, '37, 556^a, '38, 537, 682^a.

brachyurus (Short-tailed Hawk), *Fla.* '35, 320, '36, 386, '38, 523-524, '39, 150, 330-331.—*dist.* '39, 150, 331; *fd.* '39, 150; *nest.* '38, 524, '39, 330-331.
brunescens, *P. R.* '36, 241.
buteo (*Buzzard, Common Buzzard), *Finl.* '38, 578.—*fd.* '34, 258, 416^a, 417; *hbt.* '34, 123; *misc.* '35, 486, '36, 249, '40, 440.
calurus (*Western Red-tailed Hawk), *Ariz.* '39, 321; *B. C.* '40, 283^a; *Calif.* '35, 428; *La.* '32, 463; *Mex.* '35, 251, 422; *Tex.* '38, 157; *Utah.* '31, 619; *Wyo.* '38, 142^a.—*dist.* '35, 428; *flight.* '33, 315^a.
conterminus (^bGeranoaëtus), *fos.* '33, 212; *syn.* '33, 212^b.
contortus (^bGeranoaëtus), *fos.* '33, 212; *syn.* '33, 212^b.
dananus (^bGeranoaëtus), *fos.* '33, 212; *syn.* '33, 212^b.
ferox (Long-legged Buzzard), *Jerusalem.* '33, 185.
fragilis (^bGeranoaëtus), *fos.* '33, 212; *syn.* '33, 212^b.
fuertesi, *Calif.* '38, 287-288; *Tex.* '36, 117, '38, 157.—*tax.* '36, 360.
grangeri, *S. D., fos.*, '35, 215.
grinnelli (^bGeranoaëtus), *fos.* '33, 212; *syn.* '33, 212^b.
harlani (*Harlan's Hawk), *Fla.* '31, 250; *Ind.* '35, 463.—*tax.* '32, 508^a, '36, 59, 360.
hypospodius (Sennett's White-tailed Hawk), *Tex.* '33, 61, '39, 150.—*fd.* '39, 150; *plm.* '33, 61.
insulicola (Antigua Broad-winged Hawk), *Antigua.* '34, 357.—*fd.* '34, 357.
jamaicensis, *P. R.* '38, 53.—*nomen.* '36, 117.
kamtschatkensis, *tax.* '38, 291.
krideri (Krider's Hawk), *tax.* '36, 59, 360.
lagopus (*Rough-legged Hawk, Rough-legged Buzzard), *Germ.* '39, 346^a; *Swed.* '39, 358^a.—*fd.* '39, 358^a; *life hist.* '33, 258.
lineatus (*Red-shouldered Hawk), *Ark.* '31, 237; *Conn.* '32, 360^a, '37, 202; *Mass.* '37, 411^a; *Mich.* '34, 25; *N. J.* '31, 426^a, '36, 394^a; *Pa.* '34, 20; '35, 237^a, 243, 245, '37, 406^a, '39, 434-437; *Sask. (err.)*, '37, 555^a.—*anat.* '32, 463^a; *band.* '35, 242^a; *egg.* '40, 56^a; *incub.* '40, 56^a, 58^a; *mig.* '34, 25, '35, 237^a, 243, 245, '37, 411^a, '39, 434-435; *paras.* '38, 82-84^a; *wt.* '38, 517; *wing area.* '38, 517; *misc.* '37, 556^a, '38, 468^a, '40, 262^a, 436^a.
melanoleucus (^bGeranoaëtus), *syn.* '33, 212^b; *tax.* '33, 212.

pallidus, *tax.* '38, 291.
platypterus (*Broad-winged Hawk), *Colo.* '37, 525; *Hond.* '36, 186, 187; *La.* '39, 182-183; *Mass.* '33, 355, '37, 411^a, '38, 303^a; *Mex.* '40, 236, 237; *Mich.* '34, 25; *Miss.* '38, 273; *N. J.* '31, 426^a, '36, 394^a, 401^a, '39, 431^a; *N. C.* '33, 233; *O.* '36, 228; *Okla.* '38, 503; *Pan.* '31, 120^a; *Pa.* '34, 19, 533, '35, 243, 245, '39, 431^a, 432^a, 434-437, '40, 262^a; *P. R.* '38, 53.—*anat.* '31, 118; *band.* '35, 242^a; *colors.* '36, 187; *egg.* '40, 56^a; *flight.* '38, 273; *fd.* '36, 187; *incub.* '40, 56^a, 58^a; *mig.* '34, 19, 25, '35, 243, 245, '37, 411^a, '38, 273, 303^a, '39, 182-183, 434-436; *nest.* '34, 533; *wt.* '38, 442, 516; *wing area.* '38, 516; *misc.* '33, 355, '37, 96^a.
poecilochrous, *Ecuad.* '34, 150.—*nest.* '34, 150.
polyosoma, *Ecuad.* '34, 150.
regalis (*Ferruginous Rough-leg), *Mex.* '35, 424; *N. M.* '38, 304^a; *Sask.* '38, 304^a; *Wash.* '34, 446.—*age.* '38, 304^a; *pl.* '34, 446; *plm.* '34, 447.
sinus-honduri, *Hond.* '34, 469.
s. johannis (*American Rough-legged Hawk, Rough-legged Hawk, ^bArchibuteo sancti-johannis), *Fla.* '40, 564-565; *Ga.* '40, 565; *Labr.* '37, 21, 46^a; *Mich.* '34, 25; *N. J.* '31, 426^a, '36, 394^a; *N. Y.* '39, 475; *N. C.* '36, 77, 209; *Ont.* '39, 411-419^a; *Pa.* '35, 243-245, '37, 406^a, 418^a, '39, 436, 437, '40, 248^a; *S. C.* '34, 251; *Tex.* '38, 132.—*anat.* '32, 463^a; *behav.* '40, 565; *egg.* '40, 56^a; *flight.* '36, 77; *fluctuating nos.* '39, 411-419^a; *fd.* '37, 418^a, '39, 416^a, 475; *incub.* '40, 56^a, 58^a; *mig.* '34, 25, '35, 243, 245, '40, 248^a; *nest.* '37, 21; *voice.* '36, 77; *wt.* '31, 573^b, '38, 517; *wing area.* '38, 517; *yng.* '37, 21; *misc.* '37, 43, 555^a.
solitudinis (Cuban Red-tailed Hawk), *misc.* '35, 479.
swainsoni (*Swainson's Hawk), *Argent.* '32, 515^a, '38, 578^a; *Kans.* '34, 538^a, '37, 385; *Mex.* '40, 236, 237; *Mich.* '31, 617, '34, 25; *Nebr.* '39, 360^a; *Sask.* '37, 555^a; *S. C.* '36, 209; *Utah.* '31, 619; *Wash.* '34, 446.—*band.* '32, 515^a; *destr.* '39, 360^a; *egg.* '34, 449, '40, 55^a; *flight.* '33, 315^a; *fd.* '34, 104^a, 449, '38, 578^a; *incub.* '40, 55^a, 58^a; *life hist.* '34, 446-450; *mig.* '34, 25, '37, 385, '39, 360^a; *pl.* '34, 446; *plm.* '34, 446.
texasus (Texas Red-shouldered Hawk), *Tex.* '33, 61.
typholus, *fos., tax.*, '33, 212.
umbrinus (Florida Red-tailed Hawk), *Fla.* '31, 250.—*misc.* '36, 360.

buteo (Buteo), see Buteo.

Buteogallus subtilis, *Pan.* '33, 303.

Buthraupis, *tax.* '37, 233.

Butler, Amos William, 1860-1937.

Some bird records from Florida, '31, 436-439.

[Testimonial dinner tendered], '32, 524.

Does Bachman's warbler winter in Florida?, '34, 89.

Black vultures in Indiana, '35, 303-304.

The prairie falcon (*Falco mexicanus*) in Indiana, '36, 77.

Common tern and Wilson's phalarope

nesting in northern Indiana, '37, 390.

Obituary, '37, 573-574, '38, 324.

[Butler collection of birds acquired by Purdue University], '40, 132.

Butler, Arthur Lennox.

Notes on the guacharo, '31, 427.

Butler, Lorine Letcher.

Birds around the year (rev.), '37, 401.

butleri (Strix), see Strix.

Butorides javanicus (*Green-backed Mangrove Heron), *life hist.* '33, 463; *plm.* '34, 121^a.

maculatus (West Indian Green Heron), *Antigua*, '34, 355.

virescens (*Green Heron, Eastern

Green Heron), *Conn.* '39, 77^a; *Fla.* '36,

347; *Ia.* '39, 36; *La.* '33, 351^a, '37, 293;

N. J. '40, 106; *N. Y.* '38, 518^a, '39,

470^a; *O.* '31, 373, '32, 342^a; *Okla.* '38,

122; *Pa.* '31, 113^a; *Tex.* '33, 61, '38, 64;

Va. '36, 262^a; *W. Va.* '33, 94^a, '38,

128.—*egg.* '40, 56^a; *flight.* '33, 314^a,

452^a; *hbt.* '32, 342^a; *incub.* '40, 56^a, 58^a;

wt. '38, 516; *wing area.* '38, 516.

Butterball, see *Charitonetta albeola*.

Button-quail, Lesser, see *Turnix luciana*.

Philippine, see *Turnix fasciata*.

Spotted, see *Turnix ocellata*.

Buturlin, Sergius Alexandrovich, 1872-1938.

Obituary, '38, 585, '39, 122, 502.

buturlini (Crates), see *Perisoreus sibericus*.

Buzzard, see *Buteo buteo*.

Common, see *Buteo buteo*.

Honey, see *Pernis apivorus*.

Long-legged, see *Buteo ferox*.

Rough-legged, see *Buteo lagopus*.

Siberian Honey, see *Pernis orientalis*.

Tic-wee, see *Butastur indicus*.

Turkey, see *Cathartes septentrionalis*.

Bycanistes albotibialis (*White-thighed Hornbill), *Congo*, '40, 260^a.

buccinator (Trumpeter Hornbill), *mlt.* '38, 581.

cristatus, *Afr.* '37, 417, '40, 318.—

fledg. '40, 318; *hbt.* '37, 417, '40, 314;

incub. '40, 318; *life hist.* '39, 498.

Byrd, E. E., and Denton, F.

see Denton and Byrd.

Byrd, Hiram, 1874-1930.

Obituary, '31, 85, 323.

byroni (Puffinus), see Puffinus.

bysantina (Procellaria), see Procellaria.

C

cabanisi (Chloroceryle), see Chloroceryle.

— (*Molothrus*), see Molothrus.

— (*Munia*), see Munia.

— (*Poospiza*), see Poospiza.

— (*Tangara*), see Tangara.

Cacaoty, see *Clangula hyemalis*.

cachinnans (Gallinula), see Gallinula.

Cacicus microrhynchus (Small-billed Cacique), *Pan.* '35, 327.

Cacique, Prevost's, see *Amblycercus holosericeus*.

Small-billed, see *Cacicus microrhynchus*.

Cacomantis castaneiventris (*Chestnut-breasted Cuckoo), *hbt.* '33, 385-395^a.

flabelliformis (*Fan-tailed Cuckoo), *hbt.* '33, 385-395^a; *pl.* '33, 385^a.

heinrichi, *Halmahera*, '32, 265.

pyrrhophanus (*Brush Cuckoo), *hbt.* '33, 385-395^a; *pl.* '33, 385^a.

Cactospiza striatipecta, *Galap. Is.* '31, 625.

Cadwalader, Charles Meigs Biddle.

Greater yellow-legs swimming, '38, 275.

cadwaladeri (Dryobates), see Dryobates.

Caenagnathus collinsi, *Atla., fos.*, '40, 276.

caerulea (Dendroica), see *D. caerulea*.

— (Florida), see Florida.

— (*Guiraca*), see Guiraca.

— (*Poliophtila*), see Poliophtila.

— (*Urocissa*), see Urocissa.

caeruleiceps (Falco), see Falco.

caeruleipectus (Chlorochrysa), see Chlorochrysa.

caerulescens (Chen), see Chen.

— (*Cyanocompsa*), see Cyanocompsa.

— (*Dendroica*), see Dendroica.

— (*Docimastes*), see Docimastes.

— (Florida), see Florida.

— (*Ptilorrhoa*), see Ptilorrhoa.

— (*Sporophila*), see Sporophila.

caeruleus (Cyanocorax), see Cyanocorax.

— (*Elanus*), see Elanus.

— (*Malurus*), see Malurus.

— (*Parus*), see Parus.

caesia (Sitta), see Sitta.

cafer (Bucorvus), see Bucorvus.

caffer (Micropus), see Micropus.

Cahn, Alvin Robert, and Bryan, P.

Shoveller breeding in northern Alabama, '38, 271-272.

- Cahow, see *Pterodroma cahow*.
 cahow (*Pterodroma*), see *Pterodroma*.
Cairina moschata (*Muscovy Duck), *N. Y.* '35, 434^a; *Switz.* '40, 585^a; *Venez.* '35, 329.—*behav.* '37, 260–261^a, 263–267^a.
 cairnsi (*Dendroica*), see *Dendroica*.
 cajanea (*Aramides*), see *Aramides*.
Calamanthus, *Australia*, '38, 580.
Calamocetor, *tax.* '37, 559.
 leptorhyncha, *Afr.* '37, 559.
 rufescens, *Afr.* '37, 559.
Calamonastes neglectus, *Nyasaland*, '36, 247.
Calamonastides, *Afr.* '40, 589.
 gracilirostris (^b*Chloropeta*), *Afr.* '40, 589.—*syn.* '40, 589^b.
Calamornis, *nomen.* '37, 559.
Calamospiza melanocorys (*Lark Bunting), *Colo.* '34, 538^a; *Kans.* '34, 538^a; *Mex.* '35, 256; *Mont.* '36, 231^a; *N. D.* '34, 102; *Okla.* '38, 507; *Ore.* '40, 119; *Tex.* '35, 325; *Va.* '32, 359; '33, 198.—*fd.* '32, 378; *nest.* '35, 325; *plm.* '40, 119.
 calandra (*Emberiza*), see *Emberiza*.
Calandrella philbyi, *Arabia*, '36, 474.
 pseudobaetica, *Kurdistan*, '32, 391.
 puii, *Manchuria*, '40, 441.
 stegmanni, *China*, '37, 569.
 Calao, see *Buceros* and *Rhyticeros*.
Calcarius alascanensis (Alaska Longspur), *Mont.* '35, 203.
 lapponicus (*Lapland Longspur), *Baf. I.* '40, 14^a, 15^a, 20^a; *Fla.* '35, 315; *Ga.* '35, 315; *Ia.* '33, 124; *La.* '33, 226; *Man.* '32, 168^a, 169^a, 366^a; *Miss.* '39, 343; *N. B.* '35, 195; *N. J.* '31, 610; *N. Y.* '34, 532; '36, 454; '40, 406^a, 407; *O.* '37, 326; *Ont.* '39, 104^a; *Pa.* '35, 197; *S. C.* '35, 315; *Tenn.* '40, 431^a; *W. Va.* '36, 454; *Wisc.* '37, 546.—*nest.* '32, 366^a; *wt.* '37, 326; *misc.* '39, 349^a.
 ornatus (*Chestnut-collared Longspur), *Colo.* '39, 352; *Minn.* '33, 123; '36, 342^a.
 pictus (*Smith's Longspur), *Ind.* '33, 371; *Kans.* '34, 534; *Man.* '35, 204; *Minn.* '36, 342.—*plm.* '36, 342; *wt.* '35, 204, 471^a; *misc.* '33, 86.
 subcalcaratus, *Greenl.* '33, 135.
 calciola (*Napothera*), see *Napothera*.
 caledonica (*Myiagra*), see *Myiagra*.
Calendula dunni, *tax.* '35, 125.
 calendula (*Corthylio*), see *Corthylio*.
 — (*Regulus*), see *Corthylio*.
Calhoun, John Bumpus.
 1938 swift banding at Nashville and Clarksville [Tennessee] (rev.), '39, 201.
Calhoun, J. B., and Dickinson, J. C., Jr.
 see Dickinson and Calhoun.

- Calidris**, *hbt.* '39, 202; *nomen.* '31, 639.
 minutus, *hbt.* '38, 148.
 rufus (*Knot, American Knot, ^b*Tringa canutus*), *Conn.* '33, 444; *C. R.* '33, 299; *Fla.* '34, 98^a, 400; *Greenl.* '38, 574^a; *Hond.* '36, 186, 189; *Ia.* '38, 275–276; *Mass.* '37, 388–389; *Mich.* '31, 131^b, '34, 23; *N. J.* '31, 419^a, 420^b, 422^a, '32, 470–474, '34, 94^a; *N. C.* '34, 94^a, '37, 454, 462; *O.* '31, 596^b; *S. C.* '31, 261, '40, 402^a; *Tex.* '38, 67; *W. I.* '34, 233.—*colors.* '36, 189; *egg.* '38, 574^a; *hbt.* '31, 183^a, '35, 83; *meas.* '38, 275; *mig.* '38, 67.
 temmincki, *Saxony*, '36, 476.—*hbt.* '38, 148; *mig.* '34, 426.
 tenuirostris (Eastern Asiatic Knot, ^b*Ateliotringa*), *China*, '39, 91.—*hbt.* '38, 148; *tax.* '39, 91^b.
 calidris (*Vireo*), see *Vireo*.
 calidus (*Falco*), see *Falco*.
California.
 Ayer, Ethel C., '38, 532.
 Baumgartner, F. M., '34, 537–538.
 Bolander, G., '40, 125 (rev.).
 Bond, R. M., '39, 492 (rev.).
 Brandt, H. W., '38, 287.
 Davis, W. B., '38, 546.
 Dixon, J. B., and Dixon, R. E., '38, 571 (rev.).
 Dunlavy, J. C., '35, 425–431.
 Emlen, J. T., Jr., '38, 301 (rev.), '39, 202 (rev.).
 Friedmann, H., '34, 268 (rev.).
 Granfield, W. M., '38, 302 (rev.).
 Grinnell, J., '32, 255–256 (rev.), '38, 302 (rev.).
 Grinnell, J., and Behle, W. H., '38, 302 (rev.), 692 (rev.).
 Grinnell, J., Dixon, J., and Linsdale, J. M., '31, 142–143 (rev.).
 Grinnell, J., and Linsdale, J. M., '37, 409–410 (rev.).
 Hawbecker, A. C., '40, 433 (rev.).
 Heaton, H. L., '40, 589 (rev.).
 Hooper, E. T., '39, 102 (rev.).
 Howard, Hildegard, '33, 137 (rev.).
 Huey, L. M., '31, 606–607, 620–621, '32, 107.
 Kelly, Junea W., '40, 434 (rev.).
 Larson, L. M., '31, 150 (rev.).
 Mailliard, J., '31, 302 (rev.).
 Maltby, F., '40, 436 (rev.).
 McCabe, T. T., '37, 204.
 Michener, H., and Michener, Josephine R., '40, 592 (rev.).
 Miller, A. H., '32, 382 (rev.), '38, 576 (rev.), '40, 592 (rev.).
 Moffitt, J., '38, 306 (rev.), 576 (rev.), 695 (rev.), '39, 357 (rev.), 497 (rev.), '40, 129 (rev.), 436 (rev.).

- Moore, R. T., '40, 129 (rev.).
 Moore, R. T., and Peters, J. L., '39, 40.
 Orr, R. T., '40, 275 (rev.).
 Peattie, D. C., '40, 437 (rev.).
 Rand, A. L., '38, 547.
 Rett, E. Z., '39, 107 (rev.).
 Ritter, W. E., and Benson, S. B., '34, 169-179.
 Rodgers, T. L., '38, 307 (rev.).
 Rowley, J. S., '40, 275 (rev.).
 Scott, C. D., '37, 226 (rev.).
 Sibley, C., '39, 499 (rev.).
 Smith, C. F., and Hopkins, C. L., '38, 308 (rev.).
 Stephens, Laura A., '37, 569 (rev.).
 Stoner, E. A., '31, 425, 431, 599, '32, 365-366, 482, '34, 92, '37, 394, '38, 308 (rev.), 581 (rev.), '40, 572.
 Twining, H., '40, 277 (rev.).
 Underdown, C. E., '31, 441.
 Van Rossem, A. J., '32, 490-491, '36, 85, 322, '39, 68-69, 208 (rev.).
 Webb, J. J., '39, 501 (rev.).
 Wetmore, A., '31, 148 (rev.).
 Willett, G., '34, 266-267 (rev.).
 Woods, R. S., '32, 221-222.
californianus (*Geococcyx*), see *Geococcyx*.
 — (*Gymnogyps*), see *Gymnogyps*.
californica (*Aphelocoma*), see *Aphelocoma*.
 — (*Callipepla*), see *Lophortyx*.
 — (*Lophortyx*), see *Lophortyx*.
 — (*Pinicola*), see *Pinicola*.
 — (*Polioptila*), see *Polioptila*.
 — (*Uria*), see *Uria*.
californicum (*Glaucidium*), see *Glaucidium*.
californicus (*Agelaius*), see *Agelaius*.
 — (*Carpodacus*), see *Carpodacus*.
 — (*Colymbus*), see *Colymbus*.
 — (*Larus*), see *Larus*.
 — (*Pelecanus*), see *Pelecanus*.
 — (*Psaltiriparus*), see *Psaltiriparus*.
caliginosa (*Corvinella*), see *Corvinella*.
 — (*Emberiza*), see *Emberiza*.
callensis (*Emberiza*), see *Emberiza*.
calligyna (*Heinrichia*), see *Heinrichia*.
Calliope, *Pacific O.* '38, 166.
calliope (*Luscinia*), see *Luscinia*.
 — (*Stellula*), see *Stellula*.
Callipepla, *misc.* '33, 86.
pallida (*Arizona Scaled Quail, Scaled Quail, *squamata*), *wt.* '38, 431^b, 434^a; *misc.* '38, 466^a.
calliphthongus (*Turdus*), see *Turdus*.
Callisitta, *plm.* '36, 309.
Calliste, *nomen.* '37, 213.
Callonetta, *tax.* '36, 475.
Calohierax quadratus, *Bah. I., extinct*, '38, 311.
Calonectris, *tax.* '37, 110; *misc.* '37, 565.

- calophonus* (*Myadestes*), see *Myadestes*.
Calospiza, *nomen.* '37, 212-213.
thoracica, *hbt.* '40, 177, 178.
calurus (*Buteo*), see *Buteo*.
calva (*Amia*), see *Amia*.
calvus (*Sarcops*), see *Sarcops*.
Calypte anna (*Anna's Hummingbird), *Calif.* '32, 221^a; *Mex.* '35, 254.—*hbt.* '32, 221^a; *note.* '40, 275^a.
helenae (Helena's Hummingbird), *Cuba*, '36, 165.
Calyptophilus, *tax.* '37, 212.
Calyptorhynchus, *tax.* '37, 572.
funereus (*Yellow-tailed Black Cuckoo), *Australia*, '39, 108^a.
Camarhynchus parvulus, *behav.* '40, 171, 172.
Camaroptera brachyura, *Natal*, '37, 59.
camelus (*Struthio*), see *Struthio*.
Campbell, A. G.
 Supposed female and eggs of *Atrichornis clamosa* (Gould) (rev.), '39, 353.
Campbell, James William.
 On the food of some British birds (rev.), '37, 218.
Campbell, John Sherman.
 American redstart breeding in north Louisiana, '33, 441-442.
 Western house wren in Bienville Parish, Louisiana, '34, 88.
 Golden eagle in north Louisiana, '34, 370-371.
Campbell, Louis Walter.
 An Arkansas kingbird and a blue grosbeak near Toledo, Ohio, '31, 123.
 The hooded warbler nesting near Toledo, Ohio, '31, 128-129.
 Long-billed marsh wrens wintering near Toledo, Ohio, '32, 352-353.
 Nesting of the mourning warbler near Toledo, Ohio, '33, 117-118.
 A family of Arkansas kingbirds near Toledo, Ohio, '34, 85.
 Bicknell's thrush taken near Toledo, Ohio, '34, 241.
 Least tern taken near Toledo, Ohio, '35, 87.
 The yellow palm warbler taken near Toledo, Ohio, '36, 90.
 Junco hyemalis connectens taken near Toledo, Ohio, '36, 92.
 Wilson's plover taken near Toledo, Ohio, '36, 441.
 Brewer's blackbird taken near Toledo, Ohio, '36, 452.
 Leconte's sparrow near Toledo, Ohio, '37, 397-399.
 Shufeldt's junco near Toledo, Ohio, '37, 399.
 American magpie taken near Toledo, Ohio, '37, 540.

- Phalaropes of the western Lake Erie region, '38, 89-94.
 Franklin's gull in Ohio, '39, 78-79.
Campbell, L. W., and Campbell, Bernard Roi.
 Lawrence's warbler taken near Toledo, Ohio, '34, 526.
 Long-billed dowitcher taken near Toledo, Ohio, '35, 81.
 A Hudsonian and a marbled godwit taken near Toledo, Ohio, '36, 211-212.
Campbell, L. W., and Trautman, M. B.
 The status of Forster's tern in the western Lake Erie region of Ohio and Michigan, '36, 213-214.
Campbell Island.
 Fleming, J. H., '35, 479 (rev.).
Campephaga flava (Black Cuckoo-shrike), *Natal*, '37, 56.—*hbt.* '37, 56.
Campephilus, *hbt.* '40, 176.
imperialis (Imperial Woodpecker), *Mex.* '37, 8.
principalis (*Ivory-billed Woodpecker, Ivory-billed Woodcock), *Fla.* '31, 438, '37, 164-170, 344^a; *Ga.* '38, 252^a; *La.* '33, 248^a, '35, 479^a, '36, 59^a, '37, 164-180, '39, 162, '40, 279-280; *S. C.* '40, 438^a; *Tex.* '39, 162.—*conserv.* '40, 134^a, 279-280^a, 291^a; *courtship*, '37, 167-168; *dist.* '37, 164-165; *flight*, '37, 183; *fd.* '37, 166-167, 179, '39, 138, 162; *hbt.* '37, 165-167; *hist.* '37, 181; *nid.* '37, 168-182; *note*, '37, 171-179, 182; *paras.* '37, 177; *pl.* '37, 170, 172, 176, 178, 180; *status*, '39, 212-213^a, 218^a, '40, 279^a; *misc.* '36, 65^a, 241^a, 242^a, '37, 539, '38, 501^a, '39, 215^a, 489^a.
campestris (Euneornis), see Euneornis.
 — (Passerculus), see Passerculus.
 — (Pediocetes), see Pediocetes.
Campethera yalensis, *E. Afr.* '32, 253.
campicola (Nandayus), see Nandayus.
campisylvicola (Pediocetes), see P. *campestris*.
Campo, E. Munoz del.
 Observaciones sobre rapaces nocturnas en captividad (rev.), '37, 218.
Camptorhynchus labradorius (*Labrador Duck), *misc.* '36, 241^a, '40, 77^a.
Camptostoma ridgwayi, *tax.* '31, 307.
Campylopterus hemileucurus, *Mex.* '37, 193.
Canaylorhamphus hellmayri, *Argent.* '31, 138.
cana (Agapornis), see Agapornis.
 — (Amphispiza), see Amphispiza.
 — (Casarca), see Casarca.
canace (Canachites), see Canachites.
 — (Tetrao), see Canachites.
Canachites atratus (Valdez Spruce

- Grouse), *Alas.* '39, 461-462.—*descr.*, *dist.*, *type loc.*, '39, 460-462.
canace (*Canada Spruce Grouse, ^bTetrao, *Bonasa canadensis), *Acadia*, '39, 288, '40, 79^a; *Mich.* '35, 100.—*descr.*, *dist.*, '39, 461-462; *egg*, '40, 56^a; *incub.* '40, 56^a, 58^a; *syn.* '39, 462^{be}; *type loc.* '39, 462.
canadensis (*Hudsonian Spruce Grouse, ^bTetrao labradorius), *Can.* '40, 282^a; *Labr.* '37, 22, 46^a, '39, 461.—*descr.*, *dist.*, '39, 460-461; *hyb.* '32, 384, '39, 460; *races*, '39, 460-464; *syn.* '39, 460-461^b; *type loc.* '39, 460.
franklini (Franklin's Grouse), *hyb.* '39, 460.
osgoodi (Alaska Spruce Grouse), *Alas., Alta., Y. T.*, '39, 461.—*tax.* '39, 460-461.
torridus, *Me.* '39, 462-463; *N. B.* '39, 462-463; *N. S.* '39, 462^a, 463; *Que.* '39, 463.—*descr.*, *dist.*, *type loc.*, '39, 462-463.
Canada (general).
 Anderson, R. M., '38, 568 (rev.).
 Baillie, J. L., Jr., '40, 429-430 (rev.).
 Chitty, D., and Elton, C., '38, 570 (rev.), '39, 493 (rev.).
 Harkness, W. J. K., '38, 573 (rev.).
 Saunders, W. E., '39, 499 (rev.).
 Soper, J. D., '40, 13-21, 131 (rev.).
 Taverner, P. A., '35, 333 (rev.), '37, 569 (rev.), '39, 487-488 (rev.), '40, 119, 276 (rev.), 536-541.
 Weaver, R. L., '40, 132-133 (rev.).
Canada Dept. of Mines and Resources (rev.), '40, 430.
canadensis (Anas), see Branta.
 — (Anser), see Branta.
 — (Aquila), see Aquila.
 — (Bonasa), see B. *togata* and *Canachites canace*.
 — (Branta), see Branta.
 — (Canachites), see Canachites.
 — (Grus), see Grus.
 — (Perisoreus), see Perisoreus.
 — (Sitta), see Sitta.
 — (Tetrao), see Canachites.
 — (Turdus), see T. *migratorius*.
 — (Wilsonia), see Wilsonia.
canagica (Philacte), see Philacte.
Canal Zone, see Panama.
canarius (Serinus), see Serinus.
Canary, see Serinus *canarius*.
Canary Islands.
 Bannerman, D. A., '40, 124 (rev.).
canaster (Pipilo), see Pipilo.
Canby, Henry Seidel.
 Thoreau (rev.), '40, 263-264.
cancellatus (Aechmorhynchus), see Aechmorhynchus.

candicans (Falco), see Falco.
 candida (Piranga), see Piranga.
 candidissima (Egretta), see E. thula.
 canescens (Bonasa), see Bonasa.
 — (Colaptes), see Colaptes.
 — (Ixos), see Ixos.
 — (Monarcha), see Monarcha.
 — (Monasa), see Monasa.
 — (Pachycoccyx), see Pachycoccyx.
 — (Sitta), see Sitta.
 — (Trogon), see Trogon.
 canfieldae (Lophortyx), see Lophortyx.
 canicapilla (Trichas), see Geothlypis velatus.
 canicauda (Richmondia), see Richmondia.
 caniceps (Junco), see Junco.
 — (Megarhynchus), see Megarhynchus.
 — (Serinus), see Serinus.
 — (Sitta), see Sitta.
Cannabina, *hyb.* '39, 359.
 cannabina (Acanthis), see Acanthis.
 — (Carduelis), see Acanthis.
Cannon, D. C.
 On the parasites of the small intestine of the European starling (*Sturnus vulgaris*) in Quebec (rev.), '39, 353.
 canora (Tiaris), see Tiaris.
 canorus (Cuculus), see Cuculus.
 cantans (Sericornis), see Sericornis.
 cantillans (Sylvia), see Sylvia.
 canus (Larus), see Larus.
 — (picus), see Picus.
 canutus (Tringa), see Calidris rufus.
 Canvas-back, see *Nyroca valisineria*.
 caparoch (Surnia), see Surnia.
 capeki (Francolinus), see Francolinus.
Capella, *India*, '37, 570.
 — *delicata* (*Wilson's Snipe, ^bGallinago), *Antigua*, '34, 359, '39, 305; *Ark.* '31, 236^b; *Ia.* '35, 84; *Me.* '35, 316; *Md.* '38, 127; *Mass.* '31, 130^a, 565^b; *Mex.* '35, 252, 424^a; *Mich.* '34, 22, '37, 311, 314^a; *Minn.* '40, 514; *N. B.* '40, 111; *N. F.* '36, 343; *N. J.* '31, 419^a, 422^a, '32, 470–474; *N. Y.* '36, 441–443; *O.* '31, 374, 376^a; *Ont.* '39, 242; *Pa.* '31, 113^a; *Que.* '31, 241^a, '35, 408–411, '39, 129; *Tex.* '38, 66; *W. Va.* '38, 677.—*behav.* '39, 129–133; *eye*, '38, 242^a; *fig.* '35, 410, '39, 130; *hbt.* '31, 182^a; *mig.* '38, 66; *nid.* '35, 408, '36, 442–443, '39, 130–131; *note*, '39, 129–130, '40, 111; *paras.* '40, 514, 517; *wt.* '31, 573^b, '38, 516; *wing area*, '38, 516; *young*, '35, 408–411, '39, 130; *misc.* '39, 204^a.
 — *gallinago* (*European Snipe, Common Snipe), *Afr.* '36, 443.—*fd.* '37, 218^a; *hbt.* '31, 185^a, '35, 410, '36, 101^a; *misc.* '39, 27.

nobilis, *Ecuador*, '34, 149, 151.
 — *paraguaiiae* (^bGallinago), *misc.* '35, 223^b.
 capense (Daption), see Daption.
 — (Nettion), see Nettion.
 capensis (Colymbus), see Colymbus.
 — (Oena), see Oena.
 — (Zonotrichia), see Zonotrichia.
 Capercaillie, see Tetrao urogallus.
 Capercaillie, see Tetrao urogallus.
 capistrata (Lioptila), see Lioptila.
 capistratus (Heleodytes), see Heleodytes.
 — (Odontophorus), see O. loricatus.
 capitalis (Dendroica), see Dendroica.
 — (Henicorhina), see Henicorhina.
Capitonidae, *Afr.* '40, 319.—*hbt.* '40, 323; *misc.* '36, 248.
 capitis (Hyliophylax), see H. naevioides.
 caprata (Pratincola), see Pratincola.
Caprimulgi, '39, 345.
Caprimulgidae, *Afr.* '38, 302; *India*, '38, 304; *Ont.* '38, 298.—*eye*, '38, 239; *misc.* '35, 360, '36, 166.
Caprimulgiformes, *eye*, '38, 239, 241; *hbt.* '40, 176; *incub.* '40, 59; *tax.* '40, 581; *misc.* '37, 506, '38, 655.
Caprimulgus, *tax.* '38, 302.
 — *amoyensis*, *China*, '31, 466.
 — *burmanicus*, *Burma*, '31, 466.
 — *clarus*, *Afr.* '38, 302.
 — *europaeus* (*Goatsucker, European Nightjar), *Afr.* '38, 302; *Engl.* '37, 303^a; *Germ.* '38, 582.—*behav.* '39, 107^a; *hbt.* '37, 303^a, '38, 582; *hist.* '40, 417–418^a.
 — *griseatus* (Philippine Nightjar), *P. I.* '38, 211–212.—*nid.* '38, 212.
 — *hainanus*, *Hainan*, '38, 695.
 — *kasuidori*, *Savu I.* '32, 510.
 — *koesteri*, *Afr.* '32, 139, 264.
 — *macrurus*, *egg*, '38, 212.
 — *manillensis* (Manila Nightjar), *P. I.* '38, 212.—*fd.*, *hbt.*, *nid.*, '38, 212.
 — *minimus*, *Pan.* '37, 562.
 — *mossambicus*, *Afr.* '40, 589.—*stat.* '40, 589.
 — *nauta*, *stat.* '38, 302.
 — *nigrescens* (^bNyctipolus duidae), *Venez.* '37, 562^b.
 — *noctitherus* (*Porto Rican Chuck-will's-widow), *P. R.* (extinct), '37, 558^a.
 — *salvadori* (Salvadori's Nightjar), *Palawan*, '38, 213.—*egg*, '38, 213.
 — *schillmölleri*, *Halmahera*, '32, 265.
 — *siamensis*, *Siam*, '34, 268.
 — *unwini*, *Afr.* '38, 302.
Capsiempis cerula, *Venez.* '39, 501.
 captus (Lagopus), see Lagopus.
 cara (Tangara), see Tangara.
 Caracara, see Polyborus auduboni.

- Audubon's, see *Polyborus auduboni*.
 Guadalupe, see *Polyborus lutosus*.
carbo (*Phalacrocorax*), see *Phalacrocorax*.
carbonaria (*Diglossa*), see *Diglossa*.
Cardellina rubrifrons (Red-faced Warbler), *Mex.* '37, 198.
 Cardinal, see *Richmondia cardinalis*.
 Arizona, see *Richmondia superba*.
 Black-faced, see *Coccopsis nigrigenis*.
 Brazilian, see *Paroaria cristata*.
 Eastern, see *Richmondia cardinalis*.
 Florida, see *Richmondia floridana*.
 Gray-tailed, see *Richmondia canicauda*.
 Louisiana, see *Richmondia magnirostris*.
 Red-crested, see *Paroaria cucullata*.
cardinalis (*Cardinalis*), see *Richmondia*.
 — (*Richmondia*), see *Richmondia*.
cardonensis (*Otus*), see *Otus*.
Carduelinae, *behav.* '40, 169; *tax.* '40, 120.
Carduelis, *nomen.* '38, 560.
 bruniventris, *Sicily*, '34, 560.
 carduelis (*European Goldfinch, Goldfinch, *britannica*), *Australia*, '37, 420^a; *Bermuda*, '37, 545; *Calif.* '37, 569; *Holl.* '39, 496; *Mass.* '33, 366, 445, '34, 391; *N. H.* '37, 544; *N. J.* '37, 545; *N. Y.* '36, 63, 429–431^b, '37, 545, '40, 575–576; *N. Z.* '34, 492; *Wisc.* '36, 340–341.—*disease*, '40, 332; *fd.* '40, 130^a; *hbt.* '37, 225^a, '40, 177; *nid.* '36, 430–431; *song.* '40, 575.
 celtica, *Fr.* '32, 513.
 citrinella, *misc.* '31, 157.
 elegans (Goldfinch), *Jerusalem*, '33, 180.
 heinrichi, *Burma*, '40, 439.
 major, *disease*, '40, 332.
 Carey, Henry Reginald, 1890–1931.
 [Photo of ruffed grouse on drumming log], '31, 32.
 Obituary, '31, 473–474, '32, 69.
Cariama cristata (**Seriema*), *tax.* '38, 695^a.
Cariamidae, *tax.* '31, 635.
caribaea (*Fulica*), see *Fulica*.
caribaeorum (*Falco*), see *Falco*.
caribaeus (*Holotuscalus*), see *Holotuscalus*.
 — (*Rallus*), see *Rallus*.
caribbaea (*Pterodroma*), see *Pterodroma*.
Carinatae, '40, 586.
caripensis (*Steatornis*), see *Steatornis*.
 Carleton, Geoffrey.
 Notes from the Brownsville, Texas, region, '35, 99.
 Notes from Essex County, N. Y., '35, 197.
 Plumage variations in the mourning warbler (*Oporornis philadelphia*), '36, 220.
 Carleton, G., Kramer, R., Sedwitz, W., and Stephenson, O. K.
 Black rail nesting in New York, '38, 124.
carlottae (*Pinicola*), see *Pinicola*.
carmioli (*Vireo*), see *Vireo*.
Carnegie Museum.
 Expedition to Manitoba, '31, 480.
carneirostris (*Anser*), see *Anser*.
caroli (*Anthoscopus*), see *Anthoscopus*.
carolina (*Porzana*), see *Porzana*.
 — (*Sitta*), see *S. carolinensis*.
carolinae (*Vireo*), see *Vireo*.
carolinense (*Nettion*), see *Nettion*.
carolinensis (*Antrostomus*), see *Antrostomus*.
 — (*Conuropsis*), see *Conuropsis*.
 — (*Dumetella*), see *Dumetella*.
 — (*Junco*), see *Junco*.
 — (*Pandion*), see *Pandion*.
 — (*Penthestes*), see *Penthestes*.
 — (*Sitta*), see *Sitta*.
 — (*Zenaidura*), see *Zenaidura*.
caroliniana (*Certhia*), see *Thryothorus ludovicianus*.
carolinianus (*Thryothorus*), see *T. ludovicianus*.
carolinus (*Centurus*), see *Centurus*.
 — (*Euphagus*), see *Euphagus*.
 Carpenter, George Irving, 1877–1930.
 Obituary, '31, 474, '32, 69.
Carpodacus dichro. '38, 171.
 altitudinis, *Mex.* '40, 129.
 amplus (Guadalupe House Finch), *misc.* '38, 171.
 argyrophrys (*David's Beautiful Finch), *China*, '38, 292^a.
 californicus (*California Purple Finch), *meas.* '36, 25, 26; *paras.* '39, 190^a; *misc.* '36, 23.
 cassini (*Cassin's Purple Finch), *Ariz.* '36, 298; *Mont.* '36, 230^a.—*meas.* '36, 25.
 coccineus, *Mex.* '40, 129.
 erythrinus, *Germ.* '38, 308, '39, 206.—*incub.* '38, 308; *life hist.* '39, 355.
 frontalis (*House Finch, California Linnet), *Calif.* '34, 92, '35, 429, 430, '38, 49.—*cowbird host*, '38, 49; *dist.* '35, 429; *fd.* '36, 13^a, 360^a; *hbt.* '34, 92, 178^a; *paras.* '39, 190^a; *wt.* '38, 424, 434^a, 447^a; *misc.* '31, 542^a, 543^a, '38, 466^a.
 grinnelli, *Calif.* '40, 129.
 griscomi, *Mex.* '40, 129.
 mcgregori (McGregor's House Finch), *nomen.* '38, 167.
 mexicanus (*House Finch, Mexican House Finch, Mexican Rosefinch), *Mex.* '35, 421^a, '40, 237, 242.—*hyb.* '38, 697^a; *tax.* '40, 129; *misc.* '38, 642.

- purpureus** (*Eastern Purple Finch, Purple Finch), *Ala.* '33, 370; *Alta.* '38, 49; *Ark.* '36, 456^a; *Mich.* '37, 542; *Miss.* '40, 132^a; *N. Y.* '31, 279^a; *W. Va.* '34, 395, '35, 456, '40, 577^a.—*cowbird host*, '38, 49; *meas.* '36, 24–26; *song*, '34, 505^a; *wt.* '38, 445, 515; *wing area*, '38, 515; *misc.* '31, 542^a, 543^a, '33, 236^a, '36, 23, 361^a, '38, 675^a, '39, 88^a.
solitudinis, *Nev.* '40, 129.
Carriker, Melbourne Armstrong, Jr.
Euscarthmornis ruficularis (Cabanis) rediscovered, '31, 122.
 Descriptions of new birds from Peru and Ecuador (rev.), '31, 148–149, '32, 254.
 The cave birds of Trinidad, '31, 186–194.
 Rediscovery of *Conothraupis speculigera* (Gould), '34, 497–499.
 Descriptions of new birds from Peru (rev.), '34, 268, '35, 213.
 Descriptions of new birds from Bolivia, with notes on other little-known species (rev.), '36, 114.
 A new antbird from Venezuela, '36, 316–317.
 Southern winter range of *Ixobrychus exilis hesperis*, '36, 323.
 Lice of the tinamous (rev.), '36, 358.
Carriker, M. A., Jr., and de Schauensee, R. M.
 An annotated list of two collections of Guatemalan birds in the Academy of Natural Sciences of Philadelphia (rev.), '36, 240–241.
Carroll, James Judson, 1876–1938.
 A change in distribution of the fulvous tree duck (*Dendrocygna bicolor helva*) in Texas, '32, 343–344.
 Southern robin (*Turdus migratorius achrusterus*) in Houston, Texas, '35, 90–91.
 Obituary, '38, 314–315, '39, 122.
Carson, Hampton Lawrence, Jr.
 Red crossbill in North Carolina in summer, '40, 421.
Carter, G. N.
 Great auk in the Isle of Man, '40, 569–571.
Carterornis leucotis, *misc.* '31, 314.
Cartwright, Bertram William.
 [Abnormal number of snowy owls in Manitoba], '31, 167.
Cartwright, William James.
 Wilson's warblers at sea, '31, 129.
 Eastern evening grosbeak (*Hesperiphona v. vespertina*) at Williams-town, Mass., '34, 528–529.
carunculata (*Anthochaera*), see *Anthochaera*.

- (*Cratophaga*), see *Cratophaga*.
carunculatus (Bugeranus), see *Bugeranus*.
 — (*Ibycter*), see *Ibycter*.
 — (*Phalacrocorax*), see *Phalacrocorax*.
caryocatactes (*Nucifraga*), see *Nucifraga*.
Caryothraustes, *tax.* '37, 212, '40, 120.
Casarca cana, *plm.* '32, 214.
tadornoides (Australian Sheld-duck), *avic.* '39, 494.
variegata (*Paradise Duck), *N. Z.* '34, 490, '37, 111.—*mlt.* '37, 421^a; *tax.* '38, 151.
Casmerodius, *nomen.* '38, 568.
egretta (*Egret, American Egret, Great White Egret, ^bHerodias, ^calbus), *Ala.* '33, 368, '34, 253, '35, 463; *Antigua*, '34, 355; *Calif.* '39, 202^a; *Colo.* '37, 525; *Conn.* '31, 593^a; *Del.* '33, 206, '37, 382; *Dominica*, '34, 500; *Fla.* '31, 423^a, '32, 236^a, '36, 347, '37, 201^a; *Ga.* '33, 352^a; *Haiti*, '34, 500; *Ill.* '32, 78, '34, 100, 402, '39, 73–74; *Ind.* '33, 370; *Kans.* '35, 77; *Labr.* '38, 575^a; *La.* '33, 350^a, 351^a, '36, 439; *L. C.* '32, 77^a; *Me.* '31, 422^a; *Md.* '36, 95; *Mass.* '32, 492, '34, 369, 390; *Mex.* '35, 251, 424; *Mich.* '31, 114, '34, 78, '36, 322, '37, 201, '39, 201^a; *Minn.* '40, 125^a, 269^a, 411–412; *N. H.* '35, 96; *N. J.* '34, 368, '38, 294^a; *N. Y.* '33, 445, '34, 248, 532, '35, 97^b, '38, 119–121, 518, 581^a, '39, 469–470, '40, 435^a; *N. C.* '35, 319; *N. S.* '31, 111^a; *O.* '31, 112^a, 373, '37, 227^a; *Okla.* '38, 121, 570^a; *Ont.* '33, 94, 428^a, '36, 322, '39, 243^a; *Pa.* '31, 113, 260, '33, 94^a, '34, 230, '38, 668; *Que.* '38, 121, '39, 209^a; *Sask.* '38, 518; *S. C.* '39, 469; *Tenn.* '37, 423^a; *Tex.* '35, 199, '38, 63, 132; *Venez.* '35, 329^a; *Vt.* '37, 547, '38, 552; *Va.* '32, 458, '33, 206; *W. Va.* '33, 94^a, '34, 226, 248, '38, 128; *Wisc.* '32, 493, '34, 254, 533, '36, 229.—*avic.* '32, 78^a; *behav.* '39, 469; *fig.* '39, 73; *flight*, '33, 452^a; *nest*, '34, 368, '36, 95, '39, 73; *plm.* '39, 74; *wt.* '38, 517; *wing area*, '38, 517; *misc.* '36, 237^a.
caspia (*Hydroprogne*), see *Hydroprogne*.
Cassidix, *hbt.* '40, 214.
major (*Boat-tailed Grackle, ^bMegaquiscalus), *Del.* '34, 384; *Fla.* '31, 607–609^b, 609–610^b, '32, 94, 95, 228^a, 357^a; *Ga.* '32, 227^a; *La.* '34, 383–384, '36, 328, 439, '37, 274–295, '40, 87–90, 217; *Md.* '35, 461; *N. C.* '37, 459, 463; *S. C.* '31, 266^b, 431^b, '32, 96, 356, '33, 360^a; *Va.* '32, 227, '37, 462.—*cannibalism*, '37, 286–288; *dist.* '37, 274; *egg*, '37, 282; *eye*, '31, 431, 607–609^b, 609–610^b, '32, 94, 95, 96, 227, 228^a, 356, 357^a, '34, 583, '35, 94; *fd.* '37, 287–291; *hbt.* '31, 607–609^b, 609–610^b, '32, 356, '37, 276–

- 278; *life hist.* '37, 274-295; *mtl.* '37, 275-276; *nid.* '34, 384, '37, 278-285, '40, 88; *origin*, '36, 406; *pl.* '37, 277, 284, 292; *plm.* '37, 274-276; *sex ratio*, '40, 87-90; *wt.* '37, 292.
- mexicanus** (*Great-tailed Grackle), *Mex.* '35, 424; *N. M.* '37, 162; *Tex.* '37, 162.—*eye*, '32, 94-95, 356^a; *misc.* '35, 259, '36, 406, '38, 694, '40, 258.
- nelsoni** (Sonora Grackle), *Ariz.* '40, 117-118.
- oryzivora** (*Rice Grackle), *parasitism*, '37, 560^a.
- prosopidicola** (Mesquite Grackle), *Mex., Tex.*, '38, 694.—*dist.* '38, 694.
- torreyi**, *Va.* '34, 265.
- westoni**, *Fla.* '34, 265.
- cassidix** (Meliphaga), see Meliphaga.
- Cassidy**, James.
- A chat about the tui of New Zealand (rev.), '38, 690.
- cassini** (Aimophila), see Aimophila.
- (Carpodacus), see Carpodacus.
- (Cyanocephalus), see Cyanocephalus.
- (Gymnorhinus), see Cyanocephalus.
- (Leptotila), see Leptotila.
- (Otus), see Otus.
- (Peucaea), see Aimophila.
- (Scops), see Otus.
- (Vireo), see Vireo.
- Cassowary**, Single-wattled, see Casuarii occipitalis.
- castanea** (Dendroica), see Dendroica.
- (Pithys), see Pithys.
- castaneiventris** (Cacomantis), see Cacomantis.
- castaneothorax** (Donacola), see Donacola.
- (Perdix), see Perdix.
- castaneoventris** (Eulaeornis), see Eulaeornis.
- castaneum** (Nettion), see Nettion.
- castaneus** (Celeus), see Celeus.
- castanonotus** (Thryophilus), see Thryophilus.
- castanopterus** (Passer), see Passer.
- castanotis** (Taeniopygia), see Taeniopygia.
- castanotus** (Ptilorrhoa), see Ptilorrhoa.
- castro** (Oceanodroma), see Oceanodroma.
- Casuariidae**, anat. '37, 228.
- Casuariiformes**, '37, 506.
- Casuarii bennetti**, syst. '31, 461.
- hecki** (^bkeysseri), syst. '31, 461^b.
- loriae**, syst. '31, 461.
- occipitalis** (Single-wattled Cassowary), *avic.* '35, 178; *color of head*, '35, 178.
- papuanus** (^brogersi, ^awestermanni), *tax.* '31, 461^{be}.

- roseigularis**, syst. '31, 461.
- sclateri**, *incub.* '40, 52.
- Catadypetes**, *tax.* '35, 219.
- chrysolophus** (^bCatarractes), *syn.* '35, 219^b; *tax.* '35, 219.
- redimitus**, *Macquarie I.* '35, 219.
- catamarcanus** (Pezites), see Pezites.
- Catamblyrhynchidae**, '40, 120.
- Catbird**, see Dumetella carolinensis.
- Green**, see Ailuroedus crassirostris.
- Spotted**, see Ailuroedus melanotus.
- Catesby**, Mark, 1682-1749.
- Biography**, '37, 349-363.
- catesbyi** (Leptophaethon), see Phaethon.
- (Phaethon), see Phaethon.
- Catharacta chilensis** (*Chilean Skua), *Calif.* '39, 493^a; *Falkland Is.* '37, 412^a; *Wash.* '40, 272.—*tax.* '34, 540.
- lönnerbergi** (Brown Skua), *S. Orkneys*, '36, 460.—*hbt.* '36, 460; *misc.* '37, 148.
- maccormicki** (South Polar Skua), *Antarctic*, '37, 152-154; *S. Orkneys*, '36, 460.—*fd.* '37, 152, 153; *misc.* '37, 148.
- skua** (*Northern Skua, Great Skua), *Atlantic*, '32, 189; *Mass.* '40, 567-568; *P. R.* '38, 277^a (race ?); *Shetland Is.* '40, 567.—*band.* '40, 567-568; *egg*, '40, 55^a; *hbt.* '32, 551^a; *incub.* '40, 55^a, 58^a.
- catharinae** (Otus), see Otus.
- Cathartae**, *eye*, '38, 237; *misc.* '38, 690.
- Cathartes**, *Cuba*, '40, 189.
- aura** (*Mexican Turkey Vulture), *Fla.* '38, 520-521; *Mex.* '40, 237; *Pan.* '39, 95^a; *Tex.* '36, 325, '38, 157.—*egg meas.* '36, 325; *meas.* '36, 325; *pler.* '39, 407-410.
- septentrionalis** (*Turkey Vulture, Turkey Buzzard), *Ark.* '31, 236, '36, 349^a; *Calif.* '35, 428; *Cuba*, '36, 436^a; *Fla.* '36, 347^a, '38, 521, '40, 247^a; *Ill.* '33, 431; *Ind.* '35, 303, 477^a; *Md.* '38, 468-470; *Mass.* '33, 212^a; *Mex.* '35, 421^a, 424^a; *N. J.* '31, 116, 279^a, '33, 229, '36, 394^a, 401^a, 402, '39, 430^a; *N. Y.* '36, 443^a, '38, 521-522; *O.* '31, 374, 376^a, '34, 229-230, 401; *Okla.* '38, 121; *Ont.* '39, 74-75; *Pan.* '33, 30^a; *Pa.* '35, 237^a, 243, '37, 406^a, '38, 304^a, '39, 432, 435^a, 437^a, '40, 248^a; *S. C.* '39, 77^a; *Tenn.* '31, 117^a, 598^a; *Va.* '33, 431, '34, 514, '35, 444, '36, 76, 77; *W. Va.* '31, 599, 599^a.—*alb.* '33, 431; *behav.* '38, 468-470; *destr.* '37, 383; *dist.* '35, 428; *egg meas.* '36, 325; *flight*, '33, 315^a, 452^a, '36, 402; *fd.* '36, 76^a, 77, '37, 383, '39, 77^a; *hbt.* '39, 474; *hyb.* '37, 384; *meas.* '36, 325, 390; *mig.* '33, 30^a, '35, 237^a, 243, '36, 402, '39, 430^a, 432, 435^a, '40, 248^a; *nid.* '33, 229, '34, 229-230, '38, 468-470; *ost.* '37, 229^a; *paras.*

- '37, 505; '40, 517; *pl.* '38, 470; *voice*, '34, 514; *wt.* '38, 517; *wing area*, '38, 512^a, 517; *yng.* '38, 469-470; *misc.* '36, 461^a, '37, 96^a, 555^a.
teter, *Calif.* '34, 268; *Mex.* '35, 251; *Pan.* '38, 144; *Tex.* '36, 76, 325.—*fd.* '36, 76.
Cathartidae, *eye*, '38, 237; *life hist.* '37, 555; *paras.* '40, 517; *misc.* '35, 360.
Cathartornis gracilis, *fos., tax.* '38, 695.
Catharus alticola, *Guat.* '37, 198.
frantsii, *misc.* '37, 198.
fulvescens (Fulvous Nightingale-Thrush, *boccidentalis*), *Mex.* '37, 198, '40, 237^b, 240.
juancitonis, *Hond.* '31, 307.
melpomene, *Mex.* '40, 240.
mexicanus, *Mex.* '40, 240.
occidentalis, *Mex.* '37, 198.—*plm.* '37, 198.
omiltemensis, *Mex.* '37, 198.—*plm.* '37, 198.
ovandensis, *Mex.* '39, 100.
worthi, *Hond.* '31, 307.
Catherpes conspersus (*Canyon Wren), *Mont.* '36, 231^a; *S. D.* '38, 555; *Wyo.* '38, 554-555.—*tax.* '36, 118.
meliphonus, *Mex.* '31, 295.
polioptilus, *tax.* '35, 106, '36, 118.
punctulatus (Dotted Wren), *tax.* '36, 118.
Catoprophorus, '35, 476.
inornatus (*Western Willet, Willet), *Ark.* '37, 204; *Colo.* '38, 555^a; *Fla.* '31, 247; *Ga.* '33, 102; *Hond.* '36, 189; *Ia.* '35, 84^a; *Ky.* '38, 678; *Mex.* '35, 252; *Mich.* '32, 100, '34, 231, '35, 200, 447^a; *N. C.* '37, 454; *O.* '34, 402, '37, 536-537; *Okla.* '38, 503; *Ont.* '36, 444-445; *S. C.* '33, 102; *Tenn.* '36, 119; *Tex.* '38, 66^a, 133; *Utah*, '37, 389^a; *Wisc.* '32, 468^a.
—*colors*, '36, 189; *flight*, '38, 298^a; *meas.* '36, 189; *paras.* '37, 536; *wt.* '37, 536.
semipalmatus (*Eastern Willet, Willet), *Antigua*, '34, 359; *Ark.* '36, 455, '37, 204; *Fla.* '32, 237^a, '34, 98^a, '36, 479^a; *Ga.* '31, 279^a, 281^a; *La.* '34, 399; *Me.* '35, 81, '38, 550; *Mass.* '37, 537^a; *N. H.* '33, 358, '35, 97; *N. J.* '31, 419^a, 420^a, 421, '32, 218, 470-474; *N. C.* '35, 318, '37, 454; *Pan.* '35, 326; *Pa.* '34, 94; *P. R.* '38, 54; *S. C.* '31, 281^a, 415, '33, 360^a, '35, 308^a; *Tex.* '38, 66, 133; *V. I.* '38, 553.—*ecol.* '39, 109^a, 208^a; *flight*, '33, 314^a; *fd.* '34, 359; *hbt.* '31, 183^a, '36, 479^a, '39, 109^a; *nest*, '37, 454; *misc.* '35, 481^a.
caucae (Vireo), see Vireo.
Caucasus.
Dementiev, G., and Ptushenko, E., '40, 126 (rev.).
caudacuta (Ammospiza), see Ammospiza.
caudacutus (Passerherbulus), see Passerherbulus.
— (Pterocles), see Pterocles.
caudata (Chiroxiphia), see Chiroxiphia.
caudatus (Aegithalos), see Aegithalos.
Caum, Edward Leonard.
The exotic birds of Hawaii (rev.), '34, 109.
caurina (Megaceryle), see Megaceryle.
— (Spizella), see Spizella.
caurinus (Agelaius), see Agelaius.
— (Corvus), see Corvus.
— (Melanerpes), see M. erythrocephalus.
Cave, Francis Oswin.
New races of a francolin and a lark from the southern Sudan (rev.), '40, 587.
cavei (Bradypterus), see Bradypterus.
— (Francolinus), see Francolinus.
cavicola (Petrochelidon), see Petrochelidon.
cayana (Dacnis), see Dacnis.
cayennensis (Belonopterus), see Belonopterus.
— (Panyptila), see Panyptila.
— (Turdus), see Turdus.
Cayley, Neville William.
What bird is that? (rev), '32, 371-372.
Australian finches in bush and aviary (rev), '33, 132-133.
cayluxensis (Palaeortyx), see Palaeortyx.
cearensis (Nothura), see Nothura.
cecaumenorum (Psaltriparus), see Psaltriparus.
ceciliae (Platycercus), see Platycercus.
Cedar-bird, see Bombycilla cedrorum.
cedrorum (Bombycilla), see Bombycilla.
cedrus (Bombycilla), see Bombycilla cedrorum.
celata (Vermivora), see Vermivora.
celebensis (Corvus), see Corvus.
Celebes.
Heinrich, G., '33, 247 (rev.).
Kuroda, N., '40, 128 (rev.).
Stresemann, E., '36, 362 (rev.), '39, 360 (rev.), '40, 132 (rev.), 439 (rev.).
celeripes (Bathornis), see Bathornis.
celestinioi (Phapitreron), see Phapitreron.
Celeus castaneus, *Hond.* '36, 191.—*colors*, '36, 191.
latifasciatus, *Peru*, '35, 214.
subcervinus, *S. Am.* '38, 309.
undulatus, *S. Am.* '38, 309.
celtica (Carduelis), see Carduelis.
cenchroides (Falco), see Falco.
centralasica (Riparia), see Riparia.
centralis (Ciccaba), see Ciccaba.
— (Nectarinia), see Nectarinia.
— (Pelidna), see Pelidna.

- (Ptilorrhoa), see Ptilorrhoa.
 — (Xanthoura), see Xanthoura.
 centratus (Arremonops), see Arremonops.
Centrocerus, '33, 86.
 urophasianus (*Sage Hen), *Aris.* '39, 321; *Colo.* '39, 352^a; *Wyo.* '40, 467–471.—*courtship*, '40, 467–471; *decrease*, '40, 282^a; *fd.* '32, 378; *note*, '40, 469; *pl.* '40, 467, 470; *protec.* '39, 217^a, '40, 291^a, 467; *misc.* '38, 683^a.
Centropus, *behav.* '40, 171, 172, 176.
 banken, *P. I.* '35, 211.
 bernsteini, *N. Guinea*, '38, 695.—*aviary*, '38, 695.
 burchelli, *Afr.* '37, 409.—*tax.* '37, 409.
 fasciopygialis, *tax.* '37, 409.
 grillii (*Black-chested Coucal), *Rhodesia*, '38, 699^a.—*anat.* '33, 219; *misc.* '31, 468.
 javanensis (^bjavanicus), *behav.* '40, 171^b, 178^b.
 manami, *N. Guinea*, '38, 151.
 mindorensis, *P. I.* '39, 360.
 monachus, *anat.* '33, 219.
 nigricans, *N. Guinea*, '38, 151.
 senegalensis, *anat.* '33, 219.
 superciliosus, *Afr.* '37, 409, '40, 317.—*stedg.* '40, 317–318.
 toulou (Madagascar Coucal), *anat.* '33, 219.
 viridis (Red-winged Coucal), *P. I.* '38, 211, '39, 360.—*hbt.*, *nid.*, '38, 211.
Centurus, *Pan.* '39, 308.—*hbt.* '38, 535.
 carolinus (*Red-bellied Woodpecker), *Ark.* '31, 237; *Fla.* '37, 175^a; *O.* '32, 109^a, '37, 326; *Okla.* '36, 432, '38, 504; *W. Va.* '34, 395.—*blood*, '37, 517; *hbt.* '32, 109^a; *wt.* '37, 326, '38, 515; *wing area*, '38, 515; *misc.* '31, 543^a.
 costaricensis, *Pan.* '38, 144.
 insulanus, *Hond.* '36, 469.
 pauper (Truxillo Woodpecker), *Guat.* '33, 437; *Hond.* '36, 191.—*colors*, '36, 191; *hbt.* '33, 437.
 tysoni, *Hond.* '36, 469.
 uropygialis (Gila Woodpecker), *Aris.* '34, 84.—*fd.* '34, 84.
Ceophloeus abieticola (*Northern Pileated Woodpecker, ^bPhloeotomus), *Mich.* '34, 22, '39, 353^a; *Minn.* '39, 504^a; *N. Y.* '31, 279^a, '33, 228^b; *O.* '36, 228, '37, 539–540, '39, 200^a; *Pa.* '34, 533; *Va.* '33, 199; *W. Va.* '34, 395^a.—*decrease*, '40, 282^a; *egg*, '40, 57^a; *eye*, '38, 243^a; *incub.* '40, 57^a, 59^a; *nest*, '34, 533; *misc.* '38, 568^a, '39, 489^a.
 lineatus, *tax.* '31, 149.
 nuperus, *Colom.* '31, 149.
 obsoletus, *Sonora*, '34, 549.
 petersi, *Tamaulipas*, '34, 549.

- pictus* (Western Pileated Woodpecker), *Aris.* '36, 218.
pileatus (*Pileated Woodpecker, ^bPhloeotomus), *Ark.* '31, 237^b; *Fla.* '40, 404^a.—*flight*, '37, 183^a; *note*, '37, 182^a; *misc.* '37, 166^a, 170^a, 175^a, 176^a, 180^a, '39, 212^a.
 similis (White-billed Pileated Woodpecker), *Guat.* '33, 437; *Hond.* '36, 191.—*colors*, '36, 191; *fd.* '36, 191; *hbt.* '33, 437.
Cephus arcticus, *dist.* '37, 33; *tax.* '37, 33–34; *misc.* '34, 540.
 grylle (*Black Guillemot, ^bUria), *Acadia*, '40, 81^a; *Atlantic*, '32, 186; *Finl.* '38, 578^a; *Labr.* '37, 34–35; *Me.* '31, 591, '38, 551; *Que.* '38, 303^a.—*dist.* '33, 204, '37, 33–34; *egg*, '40, 56^a; *fd.* '37, 35; *incub.* '40, 56^a, 58^a; *meas.* '37, 35; *melan.* '34, 124^b; *mlt.* '37, 34; *paras.* '37, 42; *wt.* '37, 34–35.
 mandti (*Mandt's Guillemot), *Baf. I.* '40, 17^a; *Can.* '40, 13^a; *Greenl.* '33, 136.—*dist.* '37, 33–34; *plm.* '37, 33.
Cerasophila, '37, 420.
cerceris (Gallinula), see Gallinula.
Cerchneipicus angustus, *Braz.* '37, 562.
Cercomacra, *tax.* '32, 133.
 tyrannina (Tyrannine Antbird), *Cent. Am.* '40, 296.—*song*, '34, 8, '40, 296.
Cercomela aussae, *Abyssinia*, '35, 219.
 familiaris (*Familiar Chat), *misc.* '36, 131^a.
Cerorhinca monocerata (*Rhinoceros Auklet), *Ore.* '33, 216^a.—*eye*, '38, 227^a.
Cerptithicus marjoriae, *Kalahari*, '36, 131.—*descr.* '36, 131.
Certhia, '37, 216, '40, 131.
 alticola (Mexican Brown Creeper, ^bfamiliaris), *Mex.* '40, 235^b, 240.
 americana (*Brown Creeper, ^bfamiliaris), *Ark.* '31, 239; *Mass.* '37, 346^a; *W. Va.* '34, 395, '40, 577^a.—*feather count*, '36, 166^a; *meas.* '36, 25, 26; *song*, '34, 503–506^a; *tax.* '35, 105; *wt.* '31, 574, '38, 442^b, 514; *wing area*, '38, 514; *misc.* '36, 22.
 anticostiensis, *Anticosti I.* '40, 587.
 brachydactyla, *syst.* '36, 153.
 familiaris (*Tree Creeper), *hbt.* '36, 474^a, '40, 176; *syst.* '36, 153.
 leucostricla, *Nev.* '31, 645.
 nigrescens, *N. C.* '35, 340; *Va.* '38, 537; *W. Va.* '38, 311.
 nigricans, *Spain*, '32, 265.
 occidentalis (California Creeper), *meas.* '36, 25; *misc.* '36, 22.
 pernigra, *Guat.* '35, 484.
 sicilliae, *Sicily*, '34, 560.
Certhiaxis cinnamomea (Yellow-throated

- Spine-tail, *Trin.* '38, 42.—cowbird host, '38, 41–42.
- Certhiidae**, *eye*, '38, 240; *hbt.* '40, 176; *misc.* '36, 166, 310.
- Certhilauda boweni**, *S. W. Afr.* '31, 305.
- certhiola** (*Locustella*), see *Locustella*.
- cerula** (*Capsiempis*), see *Capsiempis*.
- cerulea** (*Dendroica*), see *Dendroica*.
- cerviniventris** (*Leptotila*), see *Leptotila*.
- cetti** (*Cettia*), see *Cettia*.
- Cettia cetti** (Cetti's Warbler), *France*, '35, 126.—*song*, '40, 594; *misc.* '36, 122.
- cettioides**, *misc.* '31, 640.
- cettioides** (*Cettia*), see *Cettia*.
- Ceylon**.
- Henry, G. M., and Wait, W. E., '31, 146 (rev.).
- Whistler, H., '39, 501 (rev.), '40, 277 (rev.).
- Chachalaca, see *Ortalis vetula*.
- chacoensis** (*Asthenes*), see *Asthenes*.
- (*Strix*), see *Strix*.
- Chaetocercus cleavesi**, *Ecuad.* '34, 271–272.
- Chaetura acuta** (Lesser Antillean Swift), *dist.* '32, 495.
- brachyura** (Short-tailed Swift), *V. I.* '38, 131.—*dist.* '32, 495.
- brunnitorques** (*Chaeturellus*), *Pan.* '39, 83^b.
- chapmani**, *Pan.* '39, 82.
- cinereiventris**, *dist.* '32, 495.
- fumosa**, *Chiriqui*, '39, 83.
- meridionalis**, *Pan.* '39, 82.—*colors*, '39, 82.
- nubicola**, *Mex.* '39, 100.
- ochropygia**, *Pan.* '38, 144, '39, 82.
- pelagica** (*Chimney Swift*, *Hirundo garrula*), *Ala.* '33, 369; *Ark.* '31, 237; *Colo.* '31, 427; *D. C.* '32, 479; *Fla.* '31, 247^a, 251; *Mex.* '31, 120; *N. Y.* '36, 216; *O.* '31, 368, '37, 326; *Okla.* '38, 504; *Ont.* '39, 16, 336; *Pan.* '31, 120, '37, 392 (2), '39, 82; *Pa.* '39, 435^a; *S. C.* '35, 149; *Tenn.* '38, 280, '39, 201^a, '40, 593^a.—*alb.* '38, 280; *band.* '39, 201^a, '40, 593^a; *behav.* '38, 280; *flight*, '32, 507^a; *hbt.* '32, 479, '35, 149, '36, 216–217; *mig.* '31, 119–121, '37, 47^a, '39, 16, 435^a; *nid.* '36, 216–217, '39, 336; *nomen.* '39, 105^b; *wt.* '37, 326, '38, 514; *wing area*, '38, 512–513^a, 514; *misc.* '31, 542^a, 543^a, '36, 363, 461^a, '39, 500^a.
- phaeopygos**, *Pan.* '39, 83.—*colors*, '39, 83.
- richmondi**, *Chiriqui*, '39, 82.
- spinicauda**, *Pan.* '39, 82–83.—*colors*, '39, 83.
- vauxi** (*Vaux's Swift*), *B. C.* '35, 79; *Mex.* '35, 423.—*eye*, '38, 239^a; *misc.* '35, 79.

- Chaffinch, see *Fringilla coelebs*.
- Chalcites harterti**, *Rennell and Bellona Is.* '32, 382.
- lucidus** (*Bronze Cuckoo*, *Shining Cuckoo*), *Bismark Arch.* '38, 152; *N. Z.* '40, 276^a.—*paras.* '40, 276^a; *tax.* '32, 382.
- minutillus**, *Banda Is.* '40, 274.
- Chalcocomus**, '35, 121.
- Chalcomitra adelberti** (Buff-throated Sunbird), *misc.* '38, 698.
- amethystina** (*Amethyst Sunbird*), *Natal.* '36, 28–30.—*fd., nid.*, '36, 28–30.
- erythrinae**, *Kenya*, '34, 116.
- senegalensis**, *tax.* '34, 116.
- chalconota** (*Amazilia*), see *Amazilia*.
- Chalcophaps maxima**, *Goplapabung*, '32, 140.
- minima**, *Numfor*, '32, 140.
- Chalcopsitta scintillata**, *anat.* '35, 330.
- chalcoptera** (*Phaps*), see *Phaps*.
- chalcopterus** (*Rhinoptilus*), see *Rhinoptilus*.
- Chalcostigma herrani**, *Ecuad.* '34, 145, 154.—*hbt., nid.*, '34, 145, 152.
- stanleyi**, *Ecuad.* '34, 156.—*pl. (hab.)*, '34, 152.
- chalybaeus** (*Cinnyris*), see *Cinnyris*.
- chalybea** (*Progne*), see *Progne*.
- chalybeata** (*Hypochera*), see *Hypochera*.
- Chalybura isaurae**, *Pan.* '33, 301.
- melanorrhoea**, *tax.* '33, 301.
- Chamaea**, '35, 360.
- fasciata** (*Gambel's Wren-tit*), *life hist.* '38, 691; *misc.* '40, 205^a.
- henshawi** (*Pallid Wren-tit*), *Calif.* '31, 65, '35, 429.—*dist.* '35, 429; *hbt.* '31, 59, 60, 65.
- Chamaeidae**, *hbt.* '40, 176, 216.
- Chamberlain**, Chauncy Ward, 1851–1930. Obituary, '31, 85, 163–164.
- Chamberlain**, Edward Burnham.
- Bridled tern in South Carolina, '33, 104–105.
- Eastern red-tailed hawk breeding on the South Carolina coast, '33, 356.
- Unusual birds in South Carolina, '34, 250–251.
- Northern phalarope in South Carolina, '34, 519–520.
- Notes from Cape Romain, Charleston Co., S. C., '35, 98.
- Western grebe in South Carolina, '36, 438.
- European turnstone, a correction, '36, 441.
- King eider in South Carolina, '37, 383.
- Seasonal list of South Carolina birds (rev.), '38, 146.
- Leg color in royal terns, '39, 64–67.

- Chamberlain, E. B., and Burton, E. M.**
see Burton and Chamberlain.
- Chamberlain, E. B., and Sprunt, A., Jr.**
see Sprunt and Chamberlain.
- Chamberlain, Glen David.**
Some unusual records from Aroostook County, Maine, 1934, '35, 316-317.
- Champlain, Samuel, see Clark, A. H., '34, 535.**
- changamwensis* (Cyanomitra), see *Cyanomitra*.
- Chapin, James Paul.**
In memoriam: Waldron DeWitt Miller, 1879-1929, '32, 1-8.
Fourteen new birds from tropical Africa (rev.), '33, 139.
see Murphy, R. C., 'Stray sea birds and Atlantic storm tracks' (rev.), '34, 413.
The birds of the Belgian Congo (rev.), part 1, '33, 237-240; part 2, '40, 260.
Little gull again in upper New York Bay, '33, 434-435.
[Awarded Elliot medal of National Academy of Sciences], '35, 495.
Little gulls again in New York Harbor, '36, 331-332.
A new peacock-like bird from the Belgian Congo (rev.), '37, 218-219.
The discovery of *Afropavo congensis* (rev.), '37, 406-407.
A new warbler of the genus *Apalis* from the southern Kasai (rev.), '38, 299.
A new race of *Francolinus albogularis* from Marungu (rev.), '38, 299.
The pipits of the Belgian Congo (rev.), '38, 299.
- chapini (Anthus), see Anthus.
— (Corvinella), see Corvinella.
— (Francolinus), see Francolinus.
chaplini (Lybius), see Lybius.
- Chapman, Abel, 1851-1929.**
Memories of fourscore years less two, 1851-1929 (rev.), '31, 293-294.
- Chapman, Frank Michler.**
Columba squamosa at Key West, '31, 116.
The winter range of the chimney swift (*Chaetura pelagica*), '31, 119-121.
Northern crested flycatcher in western Panama—a correction, '31, 603.
A new race of *Brachygalba lugubris* from northeastern Brazil (rev.), '32, 129.
Handbook of birds of eastern North America, second revised edition (rev.), '32, 242-243.
The upper zonal bird life of Mts. Roraima and Duida (rev.), '32, 245-247.
The nesting of Wagler's *oropendola* on

- Barro Colorado Island (rev.), '32, 254.
The migration of turkey buzzards as observed on Barro Colorado Island, Canal Zone, '33, 30-34.
[Obituary of] Frederick J. Dixon, '33, 153.
Autobiography of a bird-lover (rev.), '34, 106-107.
[Suggestions on studies of purple and bronzed grackles], '34, 279.
Alleged excessive collecting, '34, 429-430, '35, 128.
[Birthday celebration], '34, 435-436.
[Obituary of] Mrs. Mabel Osgood Wright, '34, 564-565.
Further remarks on the relationships of the grackles of the subgenus *Quiscalus*, '35, 21-29.
Descriptions of new birds from Mocha Island, Chile, and the Falkland Islands (rev.), '35, 213.
Quiscalus quiscula in Louisiana, '35, 418-420.
The courtship of Gould's manakin (*Manacus vitellinus vitellinus*) on Barro Colorado Island, Canal Zone (rev.), '36, 111-112.
Further remarks on *Quiscalus* with a report on additional specimens from Louisiana, '36, 405-416.
Simoxenops proposed for *Anachilus*, '37, 208.
Swifts at sea, '37, 392.
Fuertes and Audubon—a comparison of the work and personalities of two of the world's greatest bird artists (rev.), '37, 560.
Quiscalus in Mississippi, '39, 28-31.
Life in an air castle (rev.), '39, 95-96.
Nomenclature in the genus *Quiscalus*, '39, 364-365.
Further studies of the genus *Quiscalus*, '40, 225-233.
[Biography] (rev.), '40, 269.
The riddle of *Oxyruncus* (rev.), '40, 270.
The upper zonal birds of Mt. Auyan-tepui, Venezuela (rev.), '40, 270.
chapmani (Chaetura), see Chaetura.
— (Chordeiles), see Chordeiles.
— (Chubbia), see Chubbia.
— (Myiodynastes), see Myiodynastes.
— (Pulsatrix), see Pulsatrix.
- Chappellier, A. and Raucourt, M.**
Les traitements insecticides arsenicaux sont-ils dangereux pour le gibier et pour les animaux de la ferme? (rev.), '36, 463-464.
Les oiseaux contre le doryphore (rev.), '36, 464.

- Charadrii*, eye, '38, 238; hbt. '40, 176.
- Charadriidae*, eye, '38, 238; nid. '38, 199; paras. '37, 506; tax. '31, 635.
- Charadriiformes*, Arctic, '37, 569.—bibliography, '31, 627; eye, '38, 238, 241; hbt. '40, 176; incub. '40, 58; paras. '37, 41, 506, '40, 517.
- Charadriimorphae*, tax. '31, 634.
- Charadrius*, tax. '34, 540.
- bicinctus* (Banded Dotterel), *N. Z.* '34, 490.
- collaris* (Collared Plover), *C. R.* '32, 496; *Hond.* '36, 186, 189.—colors, '36, 189.
- curonicus* (*Little Ringed Plover), *Engl.* '39, 104^a.—dist. '33, 203; hbt. '31, 641, '35, 351; nomen. '40, 78^a; misc. '36, 124, 476.
- dubius* (Asiatic Ringed Plover), *P. I.* '38, 199, 208.—nid. '38, 199.
- europaeus*, misc. '32, 140.
- hiaticula* (*Ringed Plover), *Spitsbergen*, '33, 203.—behav. '40, 22, 39, 41^a, 42; fd. '37, 218^a; hbt. '31, 185^a, '35, 351; tax. '34, 424, 557; misc. '36, 124.
- jerdoni* (Jerdon's Little Ringed Plover), *behav.* '38, 301.
- melodus* (*Piping Plover, Belted Piping Plover, *bircumcinctus*), *Ark.* '38, 285; *Conn.* '32, 80, '33, 444; *Fla.* '34, 98^a, '37, 536^a; *Ill.* '36, 348; *Ia.* '35, 84^a; *Ky.* '38, 678; *La.* '39, 92^b; *Me.* '38, 550; *Mass.* '40, 111^a; *Mich.* '36, 210; *N. J.* '31, 419^a, 421, 422^a, '32, 470-474, '40, 415; *N. Y.* '39, 501^a; *N. C.* '37, 453; *O.* '33, 448, '36, 441^a; *Ont.* '35, 196; *Que.* '31, 243^a, '37, 23-24; *S. C.* '31, 261, '33, 215; *Tex.* '38, 65, 133; *Va.* '33, 191^a; *Wisc.* '35, 323, '39, 483.—hbt. '36, 480^a; mig. '38, 65; nest, '32, 80, '33, 448; misc. '31, 545^a, '36, 356^a.
- nigirius* (**russatus*), nomen. '33, 254, 254^b.
- nivosus* (Western Snowy Plover), *Mex.* '35, 252; *Tex.* '38, 133 (subsp.?).
- occidentalis* (Snowy Plover), *Chile*, '36, 170-171.—hbt., nid., '36, 170-171.
- psammmodroma*, *Greenl.* '33, 135.
- schäferi*, *Tibet*, '38, 571.
- semipalmatus* (*Semipalmated Plover, Ring-necked Plover, *bAegialitis*), *Antigua*, '34, 358; *Ark.* '38, 285; *Baf. I.* '40, 14^a, 19^a, 20^a; *Colo.* '38, 555; *Conn.* '33, 444; *Fla.* '34, 98^a; *Ga.* '35, 461^a; *Hond.* '36, 186, 189; *Ia.* '35, 84, '38, 275; *Labr.* '37, 24; *La.* '34, 99; *Man.* '32, 168^a, 169^a, 366^a, '35, 203; *Md.* '38, 126; *N. J.* '31, 419^a, 421, 422^a, '32, 470-474; *N. C.* '37, 453, 462; *O.* '31, 596^a; *Pan.* '33, 301, '35, 326; *Pa.* '31, 593^b, '34, 533^a; *Que.* '31, 241^a, '34, 27-36, '37, 24; *Tex.* '38, 65; *W. Va.* '36, 97, '38, 128.—colors, '36, 189; fig. '34, 27, 33; flight, '33, 314^a; fd. '37, 24; hbt. '31, 183^a, '35, 83, 352; life hist. '34, 27-36; nest, '32, 366, '34, 27; wt. '35, 203, 471^a, '37, 24; wt. of egg, '35, 204; misc. '35, 471^a, '36, 59^a, 64^a, 252^a, '40, 111^a, 414^a.
- tenellus* (*Banded Sand Plover), *Afr.* '37, 417^a.—hbt. '37, 417^a.
- tenuirostris* (*Cuban Snowy Plover), *Ala.* '33, 234; *Dom. Rep.* '34, 502; *Fla.* '35, 462, '36, 247, '37, 536^a; *Tex.* '32, 106, '38, 65; *Wisc.* '36, 79.—nest, '33, 234.
- tundrae*, tax. '34, 424, 557.
- Charitonetta albeola* (*Bufflehead, Butterball, *bMarionnette*), *Acadia*, '39, 287^{ab}, '40, 78^{ab}; *Ark.* '36, 349; *Conn. Val.* '32, 361; *Kans.* '34, 255; *Me.* '40, 245, 246^a; *Mass.* '32, 442-444^a, '33, 445; *Mex.* '35, 424^a; *Mich.* '31, 131; *Neb.* '37, 570^a; *N. E.* '34, 513; *N. C.* '36, 227; *O.* '31, 374, 376^a; *Pa.* '34, 368^a, '39, 472^a; *W. Va.* '36, 202^a, '38, 128, 130.—dist. '33, 202; eye, '38, 229^a; fd. '39, 490^a, '40, 245, 246^a; nomen. '40, 78^{ab}; protec. '39, 214^a; wt. '38, 516; wing area, '38, 516.
- charlottae* (Myzomela), see Myzomela.
- Chase*, Sidney, 1848-1932.
- Obituary, '33, 83.
- Chasen*, Frederick Nutten.
- Notes on the birds of Christmas Island, Indian Ocean (rev.), '34, 547.
- The birds of Billiton Island (rev.), '38, 570.
- On a collection of birds from the Krakatau group of islands, Sunda Strait (rev.), '38, 570.
- The birds of the Malay Peninsula, vol. 4 (rev.), '39, 486-487.
- A new race of rock-thrush from the Malay States (rev.), '40, 588.
- Chasen*, F. N., and *Kloss*, C. B.
- A new race of Cyornis from the Java Sea (rev.), '31, 459.
- On a collection of birds from the lowlands and islands of North Borneo (rev.), '31, 459.
- Chasen*, F. N., and *Robinson*, H. C.
- see Robinson and Chasen.
- chaseni* (Batrachostomus), see Batrachostomus.
- Chat*, Familiar, see *Cercomela familiaris*.
- Long-tailed, see *Icteria longicauda*.
- Yellow-breasted, see *Icteria virens*.
- Chat-huant*, see *Strix aluco*.
- Chaulelasmus streperus* (*Gadwall, *bAnas*), *Fla.* '31, 247^a; *La.* '34, 328^a;

Mass. '32, 232, 360, 441-444; Mex. '35, 424; Minn. '40, 517; N. E. '34, 511; N. Y. '34, 392; N. S. '38, 549; Switz. '35, 350^b; W. Va. '38, 130; Wisc. '35, 101^a.—band. '34, 328^a; dist. '33, 202; fd. '34, 416^a; hyb. '40, 591^a; incub. '40, 58^a; paras. '40, 514-517; wt. '38, 517; wing area, '38, 517.

Chauna, '35, 360.

chavaria (*Screamer), *pter.* '40, 431^a.

torquata (Common Screamer), *hbt.* '39, 207.

Chaunoproctus ferreirostris, *misc.* '31, 381.

chavaria (Chauna), see Chauna.

chazaliei (Loxigilla), see *L. ridgwayi*.

Cheesman, William Hannold, and Oehser, P. H.

The spelling of common names of birds, '37, 333-340.

chelicuti (Halcyon), see Halcyon.

Chelidonaria, *tax.* '36, 103.

urbica (*European Martin, House Martin, ^bMartula, ^cDelichon), *Germ.* '37, 406^a; *G. Br.* '40, 428^a.—*destr.* '37, 405-406^a; *hbt.* '39, 496^a; *hyb.* '31, 315^c; *nomen.* '39, 196^b, 485^c; *misc.* '35, 127^c, '40, 274^a.

Chen, '37, 345-346, 565.

atlantica (*Greater Snow Goose, Atlantic Snow Goose, ^bivalis), *Arctic.* '37, 442-443; *Baf. I.* '37, 442-443; *Colo.* '38, 519 (err.); *Ga.* '32, 213; *Mass.* '31, 414^b, '39, 74; *N. H.* '37, 532, '39, 74; *N. J.* '33, 352, '37, 532; *N. Y.* '34, 532; *N. C.* '35, 319, '37, 548, '40, 523-531; *N. S.* '38, 549; *Pa.* '36, 95, '39, 329, '40, 107, 562, 562-563, 577; *Que.* '37, 345^a, 440-444, '38, 667, '40, 525; *R. I.* '34, 247; *S. C.* '34, 251; *Va.* '32, 362, '40, 290^a, 523-531.—*ad.-im. ratio.* '40, 528-529; *flight.* '40, 563; *fd.* '37, 443, '40, 527-528; *hbt.* '40, 525-527; *meas.* '32, 213; *mig.* '37, 440-443, '40, 524; *mt.* '37, 442; *nest.* '37, 442; *nomen.* '37, 346; *predators.* '40, 529-530; *protec.* '40, 530-531; *wt.* '37, 444; *misc.* '40, 77^a.

caerulescens (*Blue Goose), *Ala.* '33, 209; *Baf. I.* '40, 14^a, 19-21^a; *Del.* '35, 436^a; *D. C.* '35, 437^a; *Fla.* '34, 96; *Ga.* '35, 78, 302, 439^a; *Ill.* '34, 402; *Ind.* '33, 372; *Ia.* '35, 482^a, '40, 439^a; *Kans.* '33, 450; *La.* '32, 279-306^a, '34, 328-337, '35, 437^a, '36, 173, '37, 345^a, '40, 292^a, 524; *Man.* '36, 173, 174-177^a; *Md.* '33, 209, '35, 436^a, 437^a; *Mass.* '32, 442-444^a, '35, 432^a, 433^a; *Miss.* '40, 594^a; *N. H.* '38, 667-668; *N. J.* '35, 182, 435^a; *N. Y.* '35, 434^a, 435^a, 436^a; *N. C.* '31, 111, '33, 353, '38, 318, 319,

437^a, 438^a, 439^a, 443, '37, 452, 548, '38, 131, 552, '40, 524, 529; *O.* '34, 401; *Ont.* '36, 173-174^a, 175^a, 176^a, 204-207, 207-208; *Pa.* '31, 415, 436^a, '38, 668; *Que.* '38, 667; *S. C.* '35, 439^a, '38, 75, 209; *Southampton I.* '31, 335-364; *Tenn.* '38, 582-583^a; *Tex.* '37, 345^a; *Va.* '33, 193, '35, 437^a, 438^a, '40, 529; *W. Va.* '34, 249.—*band.* '34, 328-337; *destr.* '36, 204-207; *dist.* '35, 432; *egg.* '31, 347; *fd.* '35, 441^a, '40, 527; *hbt.* '40, 525-527, 530; *hyb.* '31, 358-361; *life hist.* '31, 335-364, '32, 258^a, 279-306^a; *mig.* '35, 432, 439^a, '36, 173-177, '40, 14^a, 524; *pl.* '31, 335, 342, '32, 279, 294, 298; *wt.* '31, 415; *misc.* '36, 461^a.

hyperborea (*Lesser Snow Goose, Snow Goose), *Baf. I.* '37, 442, '40, 14^a, 20^a; *Calif.* '37, 346^a; *Colo.* '38, 519; *Del.* '35, 436^a; *D. C.* '35, 302; *La.* '34, 328-337, '36, 173, '37, 345^a, '40, 292^a; *Man.* '36, 173, 174^a, 175^a, '40, 438^a; *Mass.* '33, 96^a, '39, 74; *Mich.* '31, 258-259, '35, 200; *N. J.* '35, 435^a, '37, 532^a; *N. Y.* '35, 434^a, 435^a; *N. C.* '31, 111, '35, 318, 438^a, 439^a; *O.* '34, 401; *Ont.* '36, 173, 174-177^a, 204-207, 207-208; *Pa.* '33, 436^a, '36, 208; *S. C.* '31, 280, '32, 343; *Southampton I.* '31, 349-364; *Tex.* '37, 345^a, '38, 132; *Va.* '33, 193, '35, 437^a, 438^a; *Wrangell I.* '35, 469.—*alb.* '40, 438^a; *band.* '34, 328-337; *destr.* '36, 204-207; *egg.* '31, 355-356, '40, 55^a; *flight.* '33, 314^a; *fd.* '35, 441^a, '40, 528; *hyb.* '31, 358-361; *incub.* '40, 55^a, 58^a; *life hist.* '31, 349-364; *meas.* '31, 111, '32, 343, '39, 74; *mig.* '36, 173-177, '40, 14^a; *pl.* '31, 350; *misc.* '35, 432.

pressa, *Ida.*, fos. '34, 271.

rossi (*Ross's Goose), *Calif.* '37, 346^a; *Colo.* '38, 519.—*misc.* '37, 569^a.

Chenalopex aegyptiaca (*Egyptian Goose), *behav.* '37, 258^a.

Cheniscus coromandelianus (*Pygmy Goose, Cotton Teal), *China*, '38, 292^a.

cheriway (Polyborus), see *P. auduboni*.

cherriei (Synallaxis), see Synallaxis.

cherrug (Falco), see Falco.

chersonensis (Struthiolithus), see Struthiolithus.

Chewink, see *Pipilo erythrophthalmus*.

chiapensis (Aulacorhynchus), see Aulacorhynchus.

— (*Campylorhynchus*), see *Heleodytes*.

— (*Heleodytes*), see *Heleodytes*.

— (*Hylomanes*), see *Hylomanes*.

Chickadee, see *Penthestes atricapillus*.

Acadian, see *Penthestes littoralis*.

- Black-capped, see *Penthestes atricapillus*.
 Carolina, see *Penthestes carolinensis*.
 Chestnut-backed, see *Penthestes rufescens*.
 Florida, see *Penthestes impiger*.
 Hudsonian, see *Penthestes hudsonicus*.
 Long-tailed, see *Penthestes septentrionalis*.
 Mountain, see *Penthestes gambeli*.
 Oregon, see *Penthestes occidentalis*.
 Plumbeous, see *Penthestes agilis*.
 Chicken, Domestic, see *Gallus domesticus*.
 Greater Prairie, see *Tympanuchus americanus*.
 Lesser Prairie, see *Tympanuchus pallidicinctus*.
 Prairie, see *Tympanuchus americanus*.
 Chiffchaff, see *Phylloscopus collybita* and *P. minor*.
 chihuahuas (Colaptes), see Colaptes.
 — (Sitta), see Sitta.
Chile.
 Brandt, H. W., '38, 288.
 Bullock, D. S., '36, 170-172.
 Chapman, F. M., '35, 213 (rev.).
 Hellmayr, C. E., '32, 501-502 (rev.).
 Morrison, A., '40, 592 (rev.).
 Philippi, R. A., '37, 225-226 (rev.).
 Wheeler, L., '39, 361 (rev.).
 chilensis (*Belonopterus*), see *Belonopterus*.
 — (Catharacta), see Catharacta.
 — (Phoenicopterus), see Phoenicopterus.
China.
 Bedford, O. H., '37, 560 (rev.).
 Birkhead, H., '38, 568 (rev.).
 Greenway, J. C., Jr., '40, 550-560.
 Hachisuka, Marquess, '40, 433 (rev.).
 La Touche, J. D. D., '31, 628 (rev.).
 '32, 248 (rev.), '33, 244-245 (rev.).
 378 (rev.), '34, 264 (rev.), 544 (rev.).
 Lönnberg, E., '31, 630 (rev.).
 Riley, J. H., '32, 257 (rev.).
 Schäfer, E., '38, 580 (rev.).
 Shaw, T. H., '32, 258 (rev.), '35, 214 (rev.), '38, 291-293 (rev.), 580 (rev.), '39, 108 (rev.), 359 (rev.), '40, 438 (rev.).
 Stone, W., '34, 116 (rev.).
 Stresemann, E., et al., '37, 569 (rev.).
 Wilder, G. D., and Hubbard, H. W., '39, 91 (rev.).
 Chinchirigui, see *Thryophilus modestus*.
 chinensis (*Cissa*), see Cissa.
 — (Oriolus), see Oriolus.
 — (Riparia), see Riparia.
 chinganica (*Ianthocincla*), see *Ianthocincla*.

- Chingolo, Brazilian, see *Brachypiza matutina*.
Chionididae, tax. '31, 635.
Chionis alba (*Sheathbill), *S. Orkneys*, '36, 460^a.—*mig.* '36, 461^a.
Chionophilos, nomen. '31, 442, '36, 103.
 chionurus (Trogon), see Trogon.
 chiou (Garrulus), see Garrulus.
 chiriquensis (*Elaenia*), see *Elaenia*.
 — (Vireo), see Vireo.
Chiriqui.
 Davidson, Mrs. M. E. M., '36, 232-233
Chiroxiphia caudata, courtship. '36, 112.
Chisholm, Alexander Hugh.
 Nature fantasy in Australia (rev.), '32, 248-249.
 The cuckoo problem in Australia, '33, 385-395.
 Bird wonders of Australia (rev.), '35, 108-109.
 Injury feigning in birds, '36, 251-253.
 The story of John Gilbert (rev.), '40, 430.
 chivi (Vireo), see Vireo.
 — (Vireosylva), see Vireo.
Chlamydera maculata (*Spotted Bowerbird), *Australia*, '40, 588^a.
Chlamydotis undulata (*Houbara Bustard, ^bHoubara), *Jerusalem*, '33, 185^{ab}.
Chlidonias hybrida (*Marsh Tern, ^bleucopareia), *Holl.* '39, 494.—*paras.* '39, 201^{ab}.
 leucoptera (White-winged Tern), *dist.* '33, 204.
 nigra (*Black Tern), *Engl.* '39, 359^a; *Fr.* '39, 106^a; *Holl.* '31, 155^a, 278.—*age.* '37, 226^a; *nid.* '39, 106^a.
 surinamensis (*Black Tern, ^bHydrochelidon), *Colom.* '38, 577^a; *Conn.* '33, 105; *C. R.* '33, 300; *Ill.* '40, 593^a; *Ia.* '39, 36; *Mad.* '32, 362, '37, 206; *N. B.* '35, 88, '39, 476; *N. Y.* '35, 97^b, '36, 446^a, '39, 187; *N. C.* '32, 103^b, '37, 456; *O.* '31, 368; *Pan.* '35, 326^b; *Pa.* '33, 359^a, '34, 533, '35, 309; *Tex.* '32, 106, '38, 69, 529; *W. Va.* '36, 98, '38, 129; *Wisc.* '39, 186-187.—*egg.* '40, 57^a; *hbt.* '38, 529, '39, 186, 187; *incub.* '40, 57^a, 58^a; *mig.* '38, 69-70; *wt.* '31, 572^b.
 swinhoi, *Jap.* '36, 115.
Chloëphaga, '37, 563.
 leucoptera, *plm.* '32, 214.
 rubidiceps, *plm.* '32, 214-215.
Chloris chloris (*Greenfinch, ^bLigurinus), *Jerusalem*, '33, 180^b; *N. Z.* '34, 492.—*hbt.* '40, 177; *hyb.* '32, 267^a, '38, 697^a, '39, 359; *misc.* '35, 485^a, '40, 131.
 harrisoni (Scottish Greenfinch), *Scoll.* '40, 431.
 chloris (*Acanthisitta*), see *Acanthisitta*.
 — (Chloris), see Chloris.

— (Chlorisitta), see Acanthositta.

— (Halcyon), see Halcyon.

— (Ligurinus), see Chloris.

Chlorisitta, *tax.* '35, 348.

Chloroceryle aenea, *Braz.* '33, 323.

amazona (*Amazon Kingfisher, ^bAlcedo, ^cleucostriata, ^drubescens, ^evestita), *Braz.* '40, 543^{be}; *Guat.* '33, 437; *Guiana*, '40, 543^a; *Parag.* '40, 543^{bd}; *S. Am.* '40, 543–544.—*hbt.* '33, 437, '37, 142, 143^a; *meas.* '40, 545.

americana, *misc.* '40, 546.

cabanisi, *misc.* '40, 546.

inda, *C. R.* '33, 300.

isthmica (Green Kingfisher), *C. R.* '40, 546; *Guat.* '33, 437; *Pan.* '40, 544.

—*hbt.* '33, 437, '37, 142.

leucosticta, *Mex.* '39, 109, '40, 544, 546; *Tex.* '40, 546.

mathewsi, *misc.* '40, 546.

mexicana, *Mex.* '40, 543–544*.—*descr.*, *dist.*, *meas.*, '40, 543–544.

septentrionalis (*Texas Kingfisher), *Br. Hond.* '40, 546; *Mex.* '35, 422^a, '37, 193, '40, 544, 546.—*plm.* '40, 544.

stictoptera, *Hond.* '36, 190.—*colors*, '36, 190.

vanrossemi, *Mex.* '40, 544, 546*.—*descr.*, *meas.*, '40, 544, 546.

Chlorochrysa caeruleipectus, *Peru*, '31, 149.

Chlorocichla flaviventris, *E. Afr.* '40, 591.
chlorolepidotus (Trichoglossus), see Trichoglossus.

Chloropeta similis, *tax.* '40, 591.

Chlorophoneus münzneri, *tax.* '39, 501.

nigrescens, *Tanganyika*, '31, 635.

nigrifrons, *tax.* '39, 501.

sandgroundi, *Afr.* '32, 128.

similis (*Orange-breasted Bush Shrike), *Rhodesia*, '37, 112^a.

Chloropsis, '37, 420.

billitonis, *Billiton I.*, '38, 570.

jerdoni, *hbt.* '38, 101.

chloroptera (Aratinga), see Aratinga.

chloropus (Gallinula), see Gallinula.

chlororhynchus (Nealbatrus), see Thalassogeron.

— (Thalassogeron), see Thalassogeron.

Chlorospingus dwighti, *Guat.* '31, 612*.—*descr.* '31, 612.

flavovirens, *Ecuad.* '35, 94.

honduratus, *nomen.* '33, 146.

novicus (Chiriqui Chlorospingus), *Pan.* '39, 308–309.—*nid.*, *note*, '39, 308.

olivaceus, *nomen.*, *tax.*, '31, 612.

ophthalmicus, *tax.* '33, 146.

richardsoni, *Guat.* '36, 241.

Chlorospingus, Chiriqui, see Chlorospingus novicus.

chlorotis (Elasmonetta), see Elasmonetta.

Chlorura microrhyncha, *Celebes*, '31, 315.

chlorura (Oberholseria), see Oberholseria.

choliba (Otus), see Otus.

Chondestes grammacus (*Eastern Lark Sparrow, Lark Sparrow), *Conn.* '37, 379^a; *Fla.* '35, 321; *Labr.* '38, 304^a; *Me.* '37, 547, '40, 577; *Mich.* '31, 617; *N. Y.* '33, 446, '34, 398; *N. D.* '31, 62; *O.* '36, 228^a, 229, '39, 100^a; *Pa.* '32, 98; *Tenn.* '35, 194; *Va.* '33, 366; *W. Va.* '33, 121, '36, 453–454.—*hbt.* '31, 60, 62.

strigatus (*Western Lark Sparrow), *Aris.* '39, 325; *Calif.* '38, 49, 546; *Kans.* '34, 538^a; *Sask.* '38, 675–676; *Tex.* '31, 62.—*cowbird host*, '38, 49, 546; *hbt.* '31, 59, 62; *polygamy*, '38, 675–676.

Chondrohierax aquilonis, *Mex.* '35, 113.
immanus, *Ecuad.* '35, 113.

mirus, *Grenada*, '35, 113.

chopi (Gnorimopsar), see Gnorimopsar.

— (Gnorimopsar), see Gnorimopsar.

chorassanicus (Astur), see Astur.

Chordeiles, '33, 86.

chapmani (*Florida Nighthawk), *Fla.* '31, 247^a, 251, 602, '36, 319^a, 479^a; *Ga.* '35, 461; *S. C.* '36, 312.—*hbt.* '31, 602, '36, 479^a.

henryi (*Western Nighthawk), *Ariz.* '34, 538^a.

hesperis (*Pacific Nighthawk), *Ariz.* '39, 322; *Wash.* '38, 576^a.

littoralis, *Mex.* '40, 543*.—*descr.*, *meas.*, '40, 543.

micromeris, *Yuc.* '40, 543.

minor (*Eastern Nighthawk, Nighthawk, ^bvirginianus), *Acadia*, '39, 288^a, '40, 80^a; *Braz.* '35, 340^b; *Conn.* '39, 188; *Fla.* '31, 251; *Me.* '33, 125; *Mass.* '34, 246, '39, 178^a; *O.* '36, 333–334; *S. C.* '36, 312; *V. I.* '36, 457.—*avic.* '31, 270^b; *egg.* '40, 57^a; *feather count*, '36, 166^a, '38, 655; *flight*, '33, 452^a; *fd.* '34, 103^a; *hbt.* '36, 126^a, '39, 288–289^a; *hist.* '40, 418; *incub.* '40, 57^a, 59^a; *mig.* '36, 333, '39, 188; *wt.* '31, 574^b, '36, 161^a, 162^a, '38, 515, 655; *wing area*, '38, 512^a, 515.

sennetti (*Sennett's Nighthawk), *O.* '36, 333–334, '38, 534; *S. D.* '34, 538^a.—*mig.* '36, 333, '38, 534.

texensis (*Texas Nighthawk), *Calif.*, *Mex.*, *Tex.*, '40, 543.—*behav.* '39, 107^a; *misc.* '36, 119^a.

Chotorhea, *Malaysia*, '36, 122.

Chouette hulotte, see Strix ulotte.

Chough, see Pyrrhocorax pyrrhocorax.

Christiansen, J. B., et al.

A possible relation between manganese, sunlight and winter hatchability of hen's eggs (rev.), '40, 125.

- christinae (Aethopyga), see Aethopyga.
Christmas Island.
 Chasen, F. N., '34, 547 (rev.).
Christofferson, Karl.
 Another record for the east and west migration of eastern evening grosbeak (rev.), '38, 570.
Christy, Bayard Henderson.
 A fifty-year comparison, '31, 365-378.
 Bird actions during the total eclipse of the sun, August 31, 1933 [at Fryeburg, Me.], '33, 125.
 Topsell's 'Fowles of Heauen', '33, 275-283.
 Mortality among tree swallows, '40, 404-405.
 chrysaetos (Aquila), see A. chrysaetos and A. canadensis.
 chryseola (Geothlypis), see Geothlypis.
 chrysis (Oreopeleia), see Oreopeleia.
Chrysococcyx intermedius (Emerald Cuckoo), *hbt.* '31, 313.
 chrysocomus (Pogoniulus), see Pogoniulus.
Chrysolampis mosquitos, *misc.* '34, 275.
Chrysolophus pictus (*Golden Pheasant), *behav.* '35, 284; *pl.* '35, 286; *plm.* '39, 496-497; *misc.* '37, 249.
 chrysolophus (Catadypetes), see Catadypetes.
 — (Catarractes), see Catadypetes.
 — (Eudypetes), see Eudypetes.
 chrysonotus (Ramphocelus), see Ramphocelus.
 chrysops (Cyanocorax), see Cyanocorax.
 chrysoptera (Vermivora), see Vermivora.
 chrysoterpis (Ramphocelus), see Ramphocelus.
Chrysotilus pallidior, *Braz.* '37, 562.
 chrysopygia (Oenanthe), see Oenanthe.
Chrystal, R. Neil.
 Insects of the British woodlands (rev.), '38, 684.
Chysuronia oenone, *Colom.* '37, 405.—*hyb.* '37, 405.
Chthonicola sagittata (*Speckled Warbler), *hbt.* '33, 393.
 chubbi (Garrodia), see G. nereis.
Chubbia chapmani, *Colomb.* '38, 152.
jamesoni (*Capella), *Ecuad.* '34, 149.
 Chuck-will's-widow, see Antrostomus carolinensis.
 Puerto Rican, see Caprimulgus noctitherus.
 chui (Tribura), see Tribura.
 chukar (Alectoris), see Alectoris.
 — (Caccabis), see Alectoris.
Church, Cynthia, Fry, G. G., Kuser, C. D., and Williams, L.
 see Fry, Kuser, Church and Williams.

- cia (Emberiza), see Emberiza.
Ciccaba, *tax.* '38, 179-186; *misc.* '36, 56.
albitarsus (*goodfellowi), *ear.* '38, 185; *tax.* '38, 181, 183, 185.
amplonotata, *Mex.* '34, 115.
bohndorfi, *tax.* '38, 185.
borelliana (*Syrnium, *Strix, *suinda), *ear.* '38, 185; *tax.* '38, 181-183^d, 184^{bd}, 185.
centralis, *ear.* '38, 185; *tax.* '38, 181, 185.
eatoni, *Guat.* '36, 215; *Mex.* '36, 215*—*descr., dist.* '36, 215-216.
huhula (*Strix), *ear.* '38, 185; *tax.* '38, 180^b, 181, 183, 185.
macconnelli, *ear.* '38, 185; *tax.* '38, 181, 185.
nigricantius (*Syrnium, *suahelicum, *sansibaricum), *ear.* '38, 186^c; *syn.* '38, 185^{bd}; *tax.* '38, 185.
nigrolineata, *ear.* '38, 185; *tax.* '38, 181, 183, 185.
nuchalis, *ear, tax.* '38, 185.
squamulata (*amplonotata), *Mex.* '37, 193^b—*ear.* '38, 185; *tax.* '38, 181-185.
superciliaris, *ear.* '38, 185; *tax.* '38, 181, 183, 185.
tamaulipensis, *tax.* '38, 181, 185.
umbrina, *tax.* '38, 185.
virgata, *ear.* '38, 184, 185; *plm.* '37, 304; *tax.* '38, 181, 183, 185; *misc.* '38, 186.
woodfordi (*Noctua, *Strix), *Afr.* '38, 183^b, 694^c—*charac.* '38, 184; *ear.* '38, 184, 186; *tax.* '38, 183, 184, 184^c, 185, 694^c.
Cichlherminia herminieri, *tax.* '32, 495.
lawrencii (Forest Thrush), *Montserrat*, '39, 194.—*tax.* '32, 495.
sanctae-luciae, *tax.* '32, 495.
Cichlocolaptes leucophrys, *Braz.* '33, 323.
Cichlornis whitneyi, *tax.* '33, 380.
Ciconia ciconia (*Stork, Western Stork, White Stork, European White Stork, *alba), *Afr.* '35, 487^a, '38, 569^a; *Algeria*, '36, 364^a; *Asia Minor*, '37, 405^a; *Den.* '34, 278; *Germ.* '36, 122^a, 365^a, 472^a; *Holl.* '31, 641, '33, 259, '35, 223, '39, 495, '40, 433; *Jerusalem*, '33, 186^b; *Switz.* '39, 200^a—*age.* '37, 226^a; *hyb.* '38, 583^a; *life hist.* '33, 247, '34, 427, '35, 223; *mig.* '39, 361^a; *paras.* '38, 691^a; *misc.* '36, 364^a, '38, 307-308^a, 574^a, '39, 499^a, '40, 121^a, 438^a.
gaudryi, *fos.* '34, 262.
maltha, *fos., tax.* '38, 695.
nigra (*Black Stork), *hbt.* '34, 123^a; *hyb.* '38, 583^a; *life hist.* '33, 247; *misc.* '32, 391^a, '33, 149, '40, 438.
 ciconia (Ciconia), see Ciconia.

- Ciconiiformes**, *Argent.* '37, 231, '38, 584;
G. Br. '39, 485.—*eye*, '38, 237, 241;
hbt. '40, 175; *incub.* '40, 58; *misc.* '36,
250, '37, 506.
- cierea* (Minla), see Minla.
- Cinclidae**, *behav.* '40, 520; *eye*, '38, 240;
hbt. '40, 176; *misc.* '38, 101.
- Cinclodes oustaleti**, *Chile*, '38, 405.—
mig. '38, 405.
- Cinclus aquaticus** (*Water Ousel, Dipper),
Germ. '38, 301.—*behav.* '39, 495^a; *hbt.*
'38, 301, '40, 176; *nid.* '38, 301.
- cinclus** (*Dipper), *behav.* '40, 520;
hbt. '38, 101, 103^a, 693^a, '39, 101^a, 103^a;
tax. '37, 422; *misc.* '36, 365.
- dorjoi**, *Bhutan*, '37, 565.
- medius**, *tax.* '37, 422.
- meridionalis**, *tax.* '37, 422.
- mexicanus**, *misc.* '35, 360.
- montanus**, *Switz.* '35, 487, '37, 422.
- sini**, *China*, '33, 257, '34, 559.
- unicolor** (*Dipper, Ouzel), *S. D.* '38,
554.—*eye*, '38, 234^a; *hbt.* '39, 106^a, '40,
438–439^a.
- cinclus** (Cinclus), see Cinclus.
- cineraceus** (Corthylio), see Corthylio.
- (Megascops), see Otus.
- (Otus), see Otus.
- (Regulus), see Corthylio.
- cinerascens** (Myiarchus), see Myiarchus.
- (Rynchops), see Rynchops.
- cinerea** (Aimophila), see Aimophila.
- (Alcippe), see Alcippe.
- (Ardea), see Ardea.
- (Gallicrex), see Gallicrex.
- (Motacilla), see Motacilla.
- (Procellaria), see Procellaria.
- (Tephrocorys), see Tephrocorys.
- (Terekia), see Xenus.
- cinereiceps** (Rhynchocyclus), see Rhyn-
chocyclus.
- cinereifrons** (Heteromyias), see Hetero-
myias.
- cinereigula** (Pericrocotus), see Pericro-
cotus.
- cinereigulare** (Oncostoma), see Oncosto-
ma.
- cinereiventris** (Chaetura), see Chaetura.
- cinereiventris** (Brachypodius), see Bra-
chypodius.
- cinereum** (Todiostrostrum), see Todiros-
trum.
- cinereus** (Adamastor), see Adamastor.
- (Microsarcops), see Microsarcops.
- (Ptilogonys), see Ptilogonys.
- (Xenus), see Xenus.
- cineritius** (Empidonax), see Empidonax.
- cinnamomea** (Attila), see Attila.
- (Certhiaxis), see Certhiaxis.
- (Sporophila), see Sporophila.
- (Tringa), see Tringa.

- cinnamomeus** (Crypturellus), see Cryp-
turellus.
- (Ixobrychus), see Ixobrychus.
- cinnamominus** (Falco), see Falco.
- Cinnyris**, *Arabia*, '37, 108.
- chalybaeus**, *misc.* '38, 646.
- coccinigaster**, *Afr.* '40, 431.
- falkensteini**, *misc.* '34, 275.
- habessinicus**, *breathing frequency*,
'38, 584.
- kinneari**, *Arabia*, '35, 348.
- Circæstus gallicus** (Short-toed Eagle),
behav. '38, 581; *fd.* '34, 258.
- heptreni**, *Turkestan*, '33, 149.
- circumcinctus** (Charadrius), see C. melo-
dus.
- circumdatus** (Muscivora), see Muscivora.
- Circus**, *behav.* '40, 170, 175; *double*
ovaries, '39, 359; *hbt.* '38, 523.
- aeruginosus** (Marsh Harrier), *anat.*
'35, 330; *fd.* '34, 258, 417; *hbt.* '33, 464;
young, '40, 433.
- approximans** (New Zealand Harrier),
N. Z. '34, 491.
- cyaneus** (*Hen Harrier), *Engl.* '39,
352^a.—*fd.* '34, 258; *hbt.* '33, 464, '38,
523, '40, 127^a; *mig.* '39, 252^a; *misc.* '36,
365, 476.
- hudsonius** (*Marsh Hawk), *Ala.* '32,
80^a; *Ark.* '31, 237; *B. C.* '40, 283^a;
Calif. '31, 599; *Cuba*, '40, 130^a; *Fla.*
'36, 209–210, 325–326; *Great Lakes*,
'32, 235^a; *Ia.* '36, 326, '39, 36; *Mam.*
'35, 204; *Mass.* '37, 411^a; *Mex.* '35, 251,
424^a; *Mich.* '34, 24, '38, 195, '39, 234;
Minn. '36, 118^a; *N. B.* '35, 195; *N. H.*
'31, 117^a, '35, 287–299, '36, 454; *N. J.*
'31, 426^a, '36, 394^a, 403; *N. Y.* '39, 475;
N. C. '32, 80, '35, 445, '36, 209^a; *O.* '31,
377^a; *Pan.* '31, 120^a; *Pa.* '34, 19, '35,
237^a, 243, 246, '39, 435–437; *Que.* '37,
21; *S. C.* '40, 413; *Utah*, '31, 619;
Wyo. '38, 142^a.—*anat.* '31, 117, '32,
463^a; *bone healing*, '36, 326–327; *flight*,
'40, 247; *fd.* '31, 153^a, '32, 236, '35, 289,
'39, 475, '40, 165; *hbt.* '38, 523; *life hist.*
'35, 287–299; *mig.* '34, 19, 24, '35,
237^a, 243, 246, '36, 403, '37, 411^a, '39,
252^a, 435^a, 436, '40, 130^a; *nest*, '35, 195,
287; *wt.* '38, 516; *wt. of egg*, '35, 204;
wing area, '38, 516; *misc.* '31, 117^a, 599,
'35, 360, '36, 72^a, 387^a, '38, 82^a, '39,
493^a.
- macrurus**, *fd.* '34, 416.
- pygargus** (*Montagu's Harrier), *Ita-
ly*, '39, 359.—*fd.* '34, 417; *hbt.* '38, 523,
'40, 126^a, 175.
- ciris** (Cyanospiza), see Passerina.
- (Passerina), see Passerina.
- cirrhatta** (Lunda), see Lunda.
- Cirropicus conjunctus**, *Siam*, '35, 342.

Cissa chinensis (*Siamese Hunting Crow),
plm. '39, 201*.

Cissilopha beecheyi, Mex. '35, 424.

rivularis, Mex. '40, 547*—*descr.*,
meas., '40, 547.

yucatanica, Yuc. '40, 547.

Cisticola (Grass Warbler), egg, '38, 138;
tax. '31, 291-293.

alticola, tax. '31, 292.

angusticauda, tax. '31, 292, '36, 363.

bailunduensis, Afr. '32, 139, 264.

exilis, Celebes, '39, 204.

flavicularis, tax. '31, 292.

galactotes, Afr. '40, 320.—*fledg.*,
incub., '40, 320.

juncidis, Celebes, '39, 204.

kasai, Bel. Congo, '36, 363.

matengorum, Germ. E. Afr. '34, 560.

melanura, tax. '31, 292.

rustica (Golden-headed *Cisticola*),
P. I. '38, 218.—*hbt.*, *nid.*, '38, 218.

sylvia, Afr. '40, 320.—*fledg.*, *incub.*,
'40, 320.

Cisticola, Golden-headed, see *Cisticola*
rustica.

Cistothorus, tax. '35, 105.

elegans, Mex. '40, 419.

falklandicus, Falkland Is. '35, 213.

platensis, tax. '40, 419.

stellaris (*Short-billed Marsh Wren),
D. C. '35, 461*, '36, 346; Ill. '33, 372;

Ia. '39, 36; Ky. '35, 465; Me. '35, 460;

Md. '35, 455; Mass. '32, 103, 493;

Mex. '40, 419; Mich. '34, 26, '35, 362,

'36, 86, '37, 311; N. Y. '31, 278*; O.

'33, 235, '36, 228; Ont. '38, 284, '39,

242; Que. '34, 439; Va. '34, 250, '35,

455, 456, '37, 461.—*dist.* '40, 419; *hbt.*

'38, 218; *life hist.* '34, 439-445, '35,

362-369; *nest*, '35, 455, '36, 346;

nomen. '40, 419; *pl.* '34, 439, '35, 362;

wt. '36, 86.

citata (Petrochelidon), see *Petrochelidon*.
citrea (Piranga), see *Piranga*.

— (Protonotaria), see *Protonotaria*.

citreogularis (Philemon), see *Philemon*.

citrina (Wilsonia), see *Wilsonia*.

citrinella (Carduelis), see *Carduelis*.

— (Emberiza), see *Emberiza*.

Clamator glandarius (*Great Spotted
Cuckoo), Afr. '37, 216*—*misc.* '34, 560.

clamator (Rhinoptynx), see *Rhinoptynx*.

clamosa (Atrichornis), see *Atrichornis*.

Clancy, Philip Alexander.

A new race of the moorhen from Scot-
land (rev.), '39, 354.

Notes on some birds from Scotland
(rev.), '40, 431.

clanga (Aquila), see *Aquila*.

Clangula hyemalis (*Old-squaw, Long-
tailed Duck, ^bHarelda, ^cCacaoñy),

Acadia, '39, 287*, '40, 78*; *Ala.* '35,
302*; *Baf. I.* '40, 14*, 15*, 20*; *Conn.*
'36, 226; *Fla.* '34, 96; *Ill.* '36, 348;
Man. '35, 203; *Mass.* '32, 442-444*,
'34, 390; *Mich.* '31, 131; *N. E.* '34,
513; *N. D.* '38, 554; *Pa.* '31, 593*, '34,
368*, '35, 198, '39, 472*; *Que.* '37, 18;
W. Va. '38, 130; *Wisc.* '36, 324, '38,
668.—*destr.* '38, 668; *dist.* '33, 302; *egg.*
'35, 204, '40, 56*, 58*; *fd.* '37, 18, '39, 490*;
incub. '40, 56*, 58*; *mlt.* '32, 42-51;
nomen. '40, 78*; *paras.* '37, 41; *plm.*
'32, 42-51; *wt.* '35, 203, '37, 18, '38,
517; *wing area*, '38, 517.

clangula (Glauconetta), see *Glaucon-*
netta.

clara (Erythrura), see *Erythrura*.

— (Parisoma), see *Parisoma*.

— (Sitta), see *Sitta*.

Claravis inca, Peru, '34, 549.

ochoterena, Vera Cruz, '34, 549.

pretiosa (*Blue Ground Dove),

Hond. '36, 189; *Pan.* '35, 327.—*aviary*,

'37, 417*; *colors*, '36, 189; *fd.* '36, 189.

umbrina, C. R. '33, 300.

Clark, Austin Hobart.

White herons at Lincoln, Mass., '31,
114.

Note on the Guadeloupe macaw (*Ara*
guadeloupensis), '34, 377.

Samuel Champlain's notes on West
Indian birds, '34, 535.

Clark, A. H., and **Clark**, Leila Gay

Forbes (Mrs. Austin Hobart Clark),

Chuck-will's-widow again in Maryland.

'32, 479.

The golden eagle in North Carolina,
'34, 80.

The raven and the pine siskin on
Stony Man Mountain, Virginia, '34,
87.

Late date for the whistling swan in
Washington, '34, 368.

The summer tanager nesting near
Washington, D. C., '34, 528.

The dickcissel (*Spiza americana*) in the
northern neck of Virginia, '35, 459.

Clark, A. H., and **Friedmann**, H.

see *Friedmann* and *Clark*.

Clark, Mrs. Edith May.

Singing of the red-breasted nuthatch,
'33, 112.

Clark, John Nathaniel, 1831-1903.

Status in the A. O. U., '31, 476.

Clark, Leonard Bertrand, **Leonard**, S. L.,
and **Bump**, G.

Light and the sexual cycle in game
birds (rev.), '37, 407.

Clarke, Charles Henry Douglas.

Fluctuation in numbers of ruffed
grouse (rev.), '36, 462-463.

- Ring-necked pheasant parasitizes ruffed grouse nest (rev.), '40, 270.
- Clarke, (Miss) Frances E.**
Great wings and small (rev.), '40, 584-585.
- Clarke, Talbott Elson, Nelson, A. L., and Bailey, W. W.**
see Nelson, Clarke and Bailey.
- Clarke, William Eagle, 1853-1938.**
Obituary, '38, 585, '39, 122.
- clarkei** (Turdoides), see Turdoides.
- clarki** (Bregagyps), see Bregagyps.
- (Otus), see Otus.
- (Vultur), see Bregagyps.
- clarus** (Basileuterus), see Basileuterus.
- (Caprimulgus), see Caprimulgus.
- (Malurus), see Malurus.
- (Mimus), see Mimus.
- (Trogodytes), see Trogodytes.
- Clausen, Robert Theodore.**
Notes from central New York, '35, 97-98.
- American egret in the Hudson River Valley, '38, 518.
- cleavesii** (Chaetocercus), see Chaetocercus.
- Cleghorn, James Donald.**
American egret in Quebec, '38, 121.
- Wood thrush nesting in Montreal, '40, 114.
- Cleland, John Burton.**
The history of ornithology in South Australia (rev.), '37, 407, '38, 146.
- clemenciae** (Lampornis), see Lampornis.
- Clemens, Wilbert Amie, and Munro, J. A.**
see Munro and Clemens.
- Clement, Roland Charles.**
King eiders in Massachusetts in May, '36, 440-441.
- Snow geese in New England, '39, 74.
- clementeae** (Amphispiza), see Amphispiza.
- Clements, Frederic Edward, and Sheldford, V. E.**
Bio-ecology (rev.), '40, 123-124.
- Climacteris stevensi**, *N. Guinea*, '34, 268.
- climacurus** (Scotornis), see Scotornis.
- climazura** (Fluvicola), see Fluvicola.
- Clingman, George Franklin, 1857-1933.**
Obituary, '35, 66.
- Clipperton Island.**
Wetmore, A., '40, 133 (rev.).
- clot-bey** (Rhamphocorys), see Rhamphocorys.
- clypeata** (Spatula), see Spatula.
- Clytoceyx septentrionalis**, *N. Guinea*, '35, 350.
- Clytorhynchus pachycephaloides**, *misc.* '33, 207.
- Cnemonax**, *tax.* '36, 469.
- Cnemotriccus**, *Peru*, '39, 110.—*tax.* '37, 406, '38, 664.
- cnephosa** (Turdus), see Turdus.
- Cnipodectes**, *Peru*, '40, 277.
- cobanense** (Glaucidium), see Glaucidium.
- Cobb, Clement Biddle Penrose.**
Red phalarope at Oyster Bay, Long Island, '38, 528.
- Cobb, Stanley.**
Attacks by screech owls, '31, 119.
- Coble, Mary Ferguson, and Life, C. S.**
Introduction to ornithological nomenclature (rev.), '32, 372-374.
- coburni** (Arceuthornis), see Arceuthornis.
- (Turdus), see Arceuthornis.
- coccineus** (Carpodacus), see Carpodacus.
- (Eubucco), see Eubucco.
- coccinigaster** (Cinnyris), see Cinnyris.
- Coccopsis nigrogenis** (Black-faced Cardinal), *Trin.* '38, 45.—*cowbird host*, '38, 41-45.
- Coccopygia kilimensis**, *Afr.* '40, 321.—*fledg., incub.*, '40, 321.
- Coccothraustes coccothraustes** (*Hawfinch, ^bvulgaris), *behav.* '40, 173, 177; *paras.* '37, 508^b; *misc.* '35, 484^a, '37, 249^a.
- Coccyges**, *ost.* '35, 360.
- Coccyzus**, *behav.* '40, 171, 172, 176.
- americanus** (*Yellow-billed Cuckoo), *Antigua*, '34, 362; *Fla.* '36, 479^a; *G. Br.* '39, 196^a; *Ill.* '34, 538^a; *Mass.* '31, 602^a, '32, 102, '34, 246; *Mo.* '33, 107^a; *N. H.* '36, 94; *N. D.* '31, 283; *O.* '31, 375; *Okla.* '36, 432; *Pan.* '31, 120^a.—*behav.* '40, 171, 178; *egg.* '40, 57^a; *flight*, '33, 452^a; *fd.* '32, 379^a, '33, 452^a; *hbt.* '36, 479^a; *incub.* '40, 57^a, 58^a; *nest.* '33, 107^a; *note.* '38, 615^a; *wt.* '38, 442, 515; *wing area*, '38, 515; *misc.* '31, 602^a.
- continentalis**, *Sal.* '35, 208.
- cozumelae**, *Cozumel I.* '35, 208.
- dominicae** (Mangrove Cuckoo), *Montserrat*, '39, 194.
- erythrophthalmus** (*Black-billed Cuckoo), *G. Br.* '39, 196^a; *Kans.* '35, 466; *Okla.* '36, 432; *Tenn.* '36, 114^a; *Va.* '33, 448.—*egg.* '40, 57^a; *incub.* '40, 57^a, 58^a; *misc.* '38, 138.
- maynardi** (Maynard's Cuckoo), *Fla.* '35, 198, '39, 159.—*fd.* '39, 159.
- minor**, *Hond.* '36, 190.—*colors*, '36, 190.
- rileyi** (Antigua Mangrove Cuckoo), *Antigua*, '34, 361, '39, 194.
- Cochin.**
Salim, A., '37, 419-420 (rev.), 567 (rev.).
- Cochlearius**, *behav.* '37, 253.
- zeledoni** (*Boat-billed Heron), *aviary*, '38, 698^a.
- Cochlothraustes**, *Mad.* '37, 214.

- Cock-of-the-rock, see *Rupicola*.
 Cockatoo, Great Black Palm, see *Pro-
 bosciger aterrimus*.
 Yellow-crested, see *Kakatoe galerita*.
 Yellow-tailed Black, see *Calyptorhyn-
 chus funereus*.
cocoi (*Ardea*), see *Ardea*.
coelebs (*Fringilla*), see *Fringilla*.
coelestis (*Aphelocoma*), see *Aphelocoma*.
 — (*Cyanolestia*), see *Cyanolestia*.
Coenocorypha aucklandica (*bistrisami*),
misc. '34, 430^b.
Coereba bahamensis, *tax.* '36, 104.
bartolemica, *misc.* '39, 194.
dominicana (Dominica Honey Creeper,
 Antillean Bananaquit), *Antigua*,
 '34, 363, '38, 146.—*dist.* '39, 194; *nest*,
 '38, 146.
flaveola, *tax.* '36, 104.
mexicana (Mexican Honey Creeper),
nest. '40, 302.
Coerebidae, *myol.* '38, 645, 646, 648; *tax.*
 '37, 212.
coerulescens (*Aphelocoma*), see *Aphelo-
 coma*.
 Coffey, Ben Barry, Jr.
 American egret in Saskatchewan, '38,
 518.
 Blackbird banding in the mid-south
 (rev.), '39, 354.
 Summer birds of Tishomongo State
 Park, Mississippi (rev.), '40, 125.
 Lapland longspurs at Memphis (rev.),
 '40, 431.
 Coffin, Anna Fulton Awdenried (Mrs.
 Francis Hopkinson Coffin).
 [Obituary of] Lillian Heaven Sturge,
 '32, 148.
coffini (*Colinus*), see *Colinus* (= *Colinus*).
cognata (*Corythocichla*), see *Corytho-
 cichla*.
cognitus (*Ancistrops*), see *Ancistrops*.
cognominata (*Emberiza*), see *Emberiza*.
 Coker, Coit McLean.
 Hermit thrush feeding on salamanders,
 '31, 277.
 Eastern Henslow's sparrow in North
 Carolina in summer, '33, 225.
Colaptes auratus (*Southern Flicker,
 Flicker, Yellow-hammer), *Ark.* '31,
 237, '33, 362, '39, 477^a; *S. C.* '31, 621,
 '36, 312; *Va.* '36, 267^a, '40, 574^a.—*eye*,
 '38, 242^a; *fig.* '36, 18; *hbt.* '37, 178^a;
hyb. '33, 362, '36, 414; *note.* '36, 284^a;
misc. '36, 20, '37, 359^a, '38, 669.
canescens, *misc.* '35, 479.
chihuahuae, *misc.* '35, 479.
collaris (*Red-shafted Flicker), *Ariz.*
 '39, 322; *Ark.* '33, 362; *Calif.* '35, 428;
Ia. '34, 253; *Mex.* '35, 422^a.—*dist.* '35,

- 428; *flight.* '33, 315^a; *hyb.* '33, 362, '36,
 414, '37, 219^a.
luteus (*Northern Flicker, Flicker,
 Flying Auger, ^bauratus, ^cborealis),
Atlantic. '31, 133; *Ill.* '34, 538^a; *Ind.*
 '34, 538^a; *Ia.* '36, 334–335; *Kans.* '34,
 477–481; *Man.* '32, 168^a; *Md.* '36, 427^a,
 '40, 339–346^a; *Minn.* '38, 669^a; *N. F.*
 '36, 343; *N. H.* '35, 93; *N. J.* '36, 271–
 280, 394^a, 395^a, 401^a; *N. Y.* '37, 97^b;
O. '31, 369; *Ont.* '36, 336^a; *Pa.* '38, 123^a,
 680^a, '39, 435^a; *S. C.* '36, 312; *W. Va.*
 '38, 311^a, '40, 113^a.—*behav.* '39, 497^a,
 '40, 433^a; *courtship.* '36, 269–280, '39,
 269; *flight.* '33, 315^a, 452^a; *fd.* '36, 334–
 335, '37, 97^b; *hbt.* '35, 93; *hyb.* '36,
 336^a, '37, 219^a; *life hist.* '34, 477–481;
mig. '36, 397^a; *nid.* '40, 339–346^a;
nomen. '37, 114; *note.* '36, 275–280,
 284^a; *pl.* '36, 272, 276; *song.* '35, 40–52^a;
tax. '40, 113^a; *wt.* '38, 422–423^a, 442^b,
 515; *wing area.* '38, 515; *misc.* '31,
 543^a, '36, 88^a, 96^a, '37, 539^a, '39, 196^a.
mexicanoides (Guatemalan Flicker),
Guat. '33, 437.—*hbt.* '33, 437.
mexicanus (Mexican Red-shafted
 Flicker, ^bcafer), *Mex.* '40, 236^b, 238.
nanus, *Mex.* '38, 286; *Tex.* '38, 157.
rufipileus (*Guadalupe Flicker,
 Guadeloupe Woodpecker), *extinct.* '39,
 490^a.
saturation (*Northwestern Flicker),
eye. '38, 233^a.
tenebrosus, *Mex.* '31, 307.
collaris (*Bucco*), see *B. collaris*.
colchicus (*Phasianus*), see *Phasianus*.
 Cole, Leon Jacob.
 The relation of light periodicity to the
 reproductive cycle, migration and
 distribution of the mourning dove
 (*Zenaidura macroura carolinensis*),
 '33, 284–296.
Coleia, see *Colena*.
Colena (*Coleia*), *nomen.* '32, 510.
Colibri iolota (*Violet-ear), *Ecuad.* '39,
 315^a.—*hbt.* '39, 315^a.
Coliidae, *Afr.* '39, 498, '40, 318, 435, 517.
 —*paras.* '40, 517.
Coliiformes, *paras.* '40, 517; *misc.* '37, 506.
Colinus coffini, *Guat.* '33, 141.
cubanensis (*Cuban Bob-white), *P.*
R. (*extinct.*), '37, 558^a.
dickeyi, *C. R.* '32, 507.
floridanus (*Florida Bob-white), *Fla.*
 '31, 250, '36, 319^a, 479^a.—*hbt.* '36, 479^a.
ridgwayi (*Masked Bob-white), *Mex.*
 '39, 152.—*dist.* '39, 152; *fd.* '39, 152–
 153; *status.* '39, 212–214^a, 218^a; *tax.* '34,
 540; *type spec.* '32, 520.
texanus (Texas Bob-white), *Va.* '33,
 199.

- virginianus** (*Eastern Bob-white, Northern Bob-white, Bob-white, Quail), *Antigua*, '34, 357; *Ark.* '31, 236; *Conn.* '39, 11; *Ill.* '34, 101, '36, 348; *Ia.* '36, 466; '39, 36; *La.* '37, 97; *Me.* '35, 460; *Mich.* '38, 193; *Minn.* '37, 220; *Mo.* '38, 142; *N. H.* '38, 296; *N. C.* '35, 80; *O.* '31, 367, '33, 249; '37, 326, 329; '40, 7; *Tex.* '39, 104; *Wisc.* '34, 118; '36, 466; '39, 170-173, '40, 407;—*avic.* '39, 75; *behav.* '38, 137; '40, 172, 175, 177; *coll.* '33, 97, '35, 40-52; '38, 137; *conserv.* '31, 444-446; '33, 249; '36, 466-467; *disease*, '37, 224; *ecol.* '39, 104, 354; '40, 271; *egg.* '40, 57; *endurance*, '39, 354; *flight*, '33, 314; *fd.* '38, 461; '39, 170-173, 484; *hbt.* '36, 482; *incub.* '40, 57; 58; 499; 507-513; *nest*, '35, 80, '36, 348; *wt.* '31, 573, '36, 78-79, '37, 326, 329-331; '38, 422; 424; 440, 441, 516; *wing area*, '38, 512; 516; *misc.* '36, 116; '37, 324; 332; 397; '39, 348; 482.
- Colius**, *hbt.* '40, 323.
affinis, *misc.* '40, 318.
coffini, *Guat.* '33, 141 (=Colinus).
indicus (*Red-faced African Mousebird, berythromelon), *paras.* '40, 514; 517, 518.
striatus, *Afr.* '40, 318.—*fledg.* '40, 318.
- Coliuspasser**, *Afr.* '37, 216.
collaris (Bucco), see Bucco.
 — (Charadrius), see Charadrius.
 — (Colaptes), see Colaptes.
 — (Lanius), see Lanius.
 — (Marila), see Nyroca.
 — (Nyroca), see Nyroca.
 — (Prunella), see Prunella.
 — (Sauropatis), see Sauropatis.
- Collin**, Albert, —1935.
 Obituary, '37, 125, '39, 122.
collina (Henicorhina), see Henicorhina.
- Collinge**, Walter Edward.
 [Food of the corn-crake] (rev.), '32, 126-127.
 [Food and feeding habits of the coot (Fulica atra)] (rev.), '36, 241-242.
collingwoodi (Poliolimnas), see Poliolimnas.
- Collins**, Henry H., Jr.
 Field marks of all birds easily confused, occurring annually in northeastern North America (rev.), '31, 459-460.
collinsi (Caenagnathus), see Caenagnathus.
 — (Dendroica), see Dendroica.
- Collocalia**, *dist.* '37, 215; *tax.* '36, 156.
esculenta, *misc.* '38, 151.
francica, *dist.* '37, 408; *nid.* '37, 408; *tax.* '32, 506.

- fuciphaga**, *tax.* '32, 506.
germari, *P. I.* '38, 305.—*nid.* '38, 305.
gigas, *misc.* '38, 151.
hirundinacea, *misc.* '38, 151.
innominata, *dist.*, *nid.*, '37, 408.
lowi, *misc.* '38, 151.
natunae, *Great Natuna*, '31, 157.
sororum, *Celebes*, '31, 315.
troglodytes, *misc.* '38, 151.
tsubame, *P. I.* '35, 211.
vanikorensis, *races*, '38, 151.
whiteheadi, *misc.* '38, 151.
- collurio** (Lanius), see Lanius.
collybita (Phylloscopus), see Phylloscopus.
- Coloeus dauricus** (Pied Jackdaw), *China*, '38, 292.—*tax.* '38, 292.
ibericus, *Spain, Portugal*, '40, 273.
monedula (*Jackdaw, Common Jackdaw), *Fr.* '34, 276; *Jerusalem*, '33, 183.—*behav.* '37, 247, 248; 261; 267; '39, 257-259; 270, '40, 176, 438; *chromosomes*, '38, 579; *fd.* '37, 218; *hbt.* '40, 214; 217; *misc.* '38, 477; '39, 256.
neglectus (*Chinese Jackdaw, Black Jackdaw), *China*, '38, 292.—*plm.* '40, 438; *tax.* '38, 292.
nigerrimus, *Morocco*, '40, 273.
pontocaspicus, *Palestine*, '40, 273.
sophiae, *Dolsk*, '38, 571.
spermologus (*Jackdaw), *nest.* '32, 515.
- Colombia**.
 Berlioz, J., '37, 405 (rev.).
 Bond, J., and de Schauensee, R. M., '39, 200 (rev.).
 Conover, H. B., '39, 354 (rev.).
 Kelso, L., and Kelso, E. H., '36, 448.
 Murphy, R. C., '38, 577 (rev.).
colombiana (Merganetta), see Merganetta.
 — (Penelope), see Penelope.
- Colorado**.
 Alexander, G., '36, 452, '37, 390-391.
 Bailey, A. M., '40, 124 (rev.).
 Bailey, A. M., and Niedrach, R. J., '37, 524-527, '38, 119, 176-178, 519-520, 672-673, 676, '39, 79-81, 352 (rev.).
 Baumgartner, F. M., '34, 537-538.
 Bergtold, W. H., '31, 432-434, '32, 346.
 Colvin, W., '39, 85.
 Gregg, H. R., '38, 572 (rev.).
 Kelso, L., '39, 203 (rev.), 496 (rev.).
 Long, W. S., '38, 555.
 Marsh, T. G., '31, 427-428.
 Niedrach, R. J., and Rockwell, R. B., '40, 267 (rev.).
 Packard, F. M., '39, 481-482.
 Rogers, C. H., '39, 465-466.

Colorado Museum of Natural History.

[Announcement of change of Directors],
'36, 260.

colubris (Archilochus), see Archilochus.

Columba, *hbt.* '40, 176; *nerves*, '37, 365;
tax. '31, 158.

arquatrix, *Afr.* '40, 317.—*incub.* '40,
317.

atlantis, *Azores*, '31, 635.

domestica (*Domestic Pigeon), *be-*
hav. '34, 306–327; *eye*, '38, 227^a, 231^a;
flight, '33, 374^a; *misc.* '33, 236^a.

fasciata (*Band-tailed Pigeon), *Ariz.*
'36, 298, '37, 62, '39, 322; *B. C.* '38,
526^a; *Mex.* '35, 423^a.—*nid.* '37, 62;
misc. '35, 467^a.

inornata (Puerto Rican Pigeon), *P.*
R. '38, 54.

leucocephala (*White-crowned Pig-
eon), *Antigua*, '34, 361; *Bah. I.* '38, 52;
Fla. '35, 462, '38, 531, '39, 155, '40,
281^a.—*fd.* '39, 155; *protec.* '40, 281^a.

livia (*Rock Dove), *Ind.* '34, 538^a.—
anat. '39, 57–63; *behav.* '40, 171, 178;
wt., *wing area*, '38, 516.

marginalis, *Braz.* '32, 506.

palumbus (*Wood Pigeon), *fd.* '38,
684^a; *misc.* '35, 495, '36, 253.

parva, *Nic.* '35, 484.

restricta, *Mex.* '31, 307.

schimperi, *Jerusalem*, '33, 185.

squamosa (Scaled Pigeon, *corensis*),
Antigua, '34, 361; *Fla.* '31, 116, '33,
153^b; *P. R.* '38, 54.

tamboensis, *Colom.* '39, 354.

Columbae, *tax.* '37, 550.

columbarius (Falco), see Falco.

columbiana (Nucifraga), see Nucifraga.

columbianus (Cygnus), see Cygnus.

— (Mimus), see Mimus.

— (Olor), see Cygnus.

— (Pedioecetes), see Pedioecetes.

Columbidae, *behav.* '40, 174; *eye*, '38, 238;
incub. '40, 317, 322.

Columbiformes, *Argent.* '38, 584.—*eye*,
'38, 230, 231, 238, 241, 242; *hbt.* '40,
175, 176; *incub.* '40, 58; *paras.* '37, 506;
misc. '37, 550, 567, '38, 655.

Columbigallina antillarum, *tax.* '34, 518.

navassae (*Chaemepelia*), *W. I.* '31,
148^b.

nigrirostris, *St. Kitts*, '36, 241.

pallascens (Mexican Ground Dove,
Chaemepelia), *hbt.* '31, 65^b.

passerina (*Eastern Ground Dove,
Ground Dove), *Ala.* '33, 369; *Fla.* '34,
83, '36, 479^a; *N. Y.* '39, 2^a; *N. C.* '37,
456; *Va.* '33, 197.—*egg*, '34, 83; *hbt.*
'36, 479^a; *nest*, '34, 83; *misc.* '36, 363^a.

portoricensis, *tax.* '34, 518.

rufipennis, *Hond.* '36, 189.—*colors*,
fd., '36, 189.

trochila (Antillean Ground Dove),
Antigua, '34, 361.—*fd.* '34, 361; *tax.*
'34, 517.

Colvin, Walter.

Roadrunner nesting in Kansas, '35, 88.
Nesting of the American raven in
Cimarron County, Oklahoma, '35,
453.

Nesting of the Louisiana water-thrush
in Kansas, '36, 451.

Cassin's kingbird in Colorado and
Oklahoma, '39, 85–86.

Colymbidae, *anat.* '37, 228; *eye*, '38, 237.

Colymbiformes, *eye*, '38, 237, 241; *nomen.*
'38, 559; *misc.* '37, 506.

Colymbus, *anat.* '37, 403.

auritus (*Horned Grebe, ^bSlavonian
Grebe), *Ark.* '31, 235, '36, 349; *Conn.*
'36, 226; *Finl.* '38, 578^b; *Fla.* '31, 248;
Id. '36, 438; *Mont.* '32, 456; *N. J.* '39,
180; *N. C.* '31, 363; *O.* '31, 366; *Pa.*
'34, 368^a, '35, 198; *Scotl.* '33, 201; *W.*
Va. '36, 202^a, '38, 128.—*courtship*, '40,
272^b; *fd.* '32, 456, '36, 288^a; *wt.* '38, 516;
wing area, '38, 516; *misc.* '37, 377^a.

brachypterus (*Mexican Grebe),
Mex. '35, 424^a; *Tex.* '33, 60.—*dist.* '39,
139; *fd.* '39, 139; *iris*, '33, 60.

californicus (Eared Grebe), *Ia.* '39,
36; *Mex.* '35, 250; *Mont.* '32, 456;
Utah, '37, 574.—*fd.* '32, 456.

capensis (*Little Grebe), *misc.* '36,
364^a.

cristatus (*Great Crested Grebe,
^bPodiceps, ^cVanellus), *G. Br.* '33, 137^a,
255^a.—*census*, '32, 510^a; *hbt.* '35, 351^b,
'39, 265^b, 268^a, 273^a; *paras.* '38, 691;
misc. '35, 487^b, '36, 474^a, '37, 376^a,
506^b.

dominicus (West Indian Grebe),
Dom. Rep., Haiti, '34, 500.—*fd.* '34, 500.

holboelli (*Holboell's Grebe), *Mass.*
'33, 445, '34, 507; *Mich.* '31, 617;
Mont. '32, 456, '36, 320; *N. H.* '31,
559–563; *O.* '34, 401; *Pa.* '34, 368;
Scotl. '33, 201; *W. Va.* '36, 202; *Wisc.*
'38, 666, '39, 483.—*fd.* '32, 456; *hbt.* '31,
559–563; *iris color*, '32, 462^a; *nest*, '38,
666; *misc.* '37, 376^a, 377^a, '39, 180^a,
180, 469^a.

nigricollis (*Black-necked Grebe,
Black-throated Grebe, ^bPodiceps), *Fr.*
'39, 106^a; *Ireland*, '31, 155^a.—*misc.* '32,
266^b, '34, 559^b, '36, 364^b.

philippensis (*Philippine Grebe, ^bPoliocephalus), *P. I.* '38, 199–200^b.—
hbt., *nid.*, '38, 199–200^b.

poliocephalus (*Hoary-headed
Grebe), *S. Australia*, '39, 100^a.

- ruficollis** (*Red-necked Grebe, Dabchick, *Podiceps*), *behav.* '37, 253-254^a; *fd.* '35, 351; *misc.* '35, 126^b, 223^b, 487^b.
- rufopectus** (*New Zealand Grebe, Dabchick, *Podiceps*), *N. Z.* '34, 489^b, '40, 270^a.
- Cometornis**, *nomen.* '37, 233.
- Common**, Minna Anthony.
A belated hummingbird, '33, 408-413.
Notes on a red-eyed vireo's nest, '34, 241-242.
- Commons**, Frank Watkins, 1859-1930.
Obituary, '31, 474-475, '32, 70.
- Commons**, Marie Andrews.
The log of Tanager Hill (rev.), '39, 97-98.
- communis** (Sylvia), see Sylvia.
- compositus** (Troglodytes), see Troglodytes.
- Compsocoma cyanoptera**, *misc.* '39, 361.
- Compsothlypidae**, *Ont.* '39, 17.—*behav.* '40, 520; *eye*, '38, 240; *hbt.* '40, 177; *mig.* '39, 17; *paras.* '40, 517; *song*, '38, 264, 267.
- Compsothlypis americana** (*Parula Warbler, Southern Parula Warbler), *Va.* '31, 64, '33, 199.—*feather count*, '36, 167^a; *hbt.* '31, 64; *misc.* '40, 433^a.
- americana** subsp. (*Parula Warbler), *D. C.* '38, 679^a.—*destr.* '38, 679^a.
- graysoni** (Socorro Warbler), *tax.* '36, 104.
- pitiayumi** (*Olive-backed Warbler, *Parula*), *Argent.* '40, 517.—*paras.* '40, 517^{ab}; *tax.* '36, 104.
- pusilla** (*Northern Parula Warbler), *D. C.* '37, 395; *Me.* '38, 551; *N. Y.* '31, 279^a; *O.* '36, 229; *Va.* '33, 199; *Wyo.* '34, 256.—*mig.* '34, 256; *nest*, '38, 551; *wt.* '38, 514; *wing area*, '38, 514.
- Compton**, Lawrence Verlyn.
The pterylosis of the Falconiformes with special attention to the taxonomic position of the osprey (rev.), '38, 690.
- Compton**, L. V., and **Miller**, A. H.
see Miller and Compton.
- Concealing Coloration**, see Protective Adaptations.
- conciliator** (Pogoniulus), see Pogoniulus.
- concinna** (Glossopsitta), see Glossopsitta.
- concinna** (Prionops), see Prionops.
- Condor**, see Vultur gryphus.
- california**, see *Gymnogyps californianus*.
- condorensis** (Otus), see Otus.
- confinis** (Amphispiza), see Amphispiza.
- (Poocetes), see Poocetes.
- (Turdus), see Turdus.
- confusa** (Pipreola), see Pipreola.
- congensis** (Afropavo), see Afropavo.
- Conirostrum cyanonotum**, *Venez.* '33, 142.
- conjunctus** (Cirropicus), see Cirropicus.
- Conkey**, John Houghton.
Arkansas kingbird in Massachusetts, '31, 270.
Additional data on the birds of the Boston Public Garden, '31, 564-566.
Cerulean warbler in Boston, Mass., '32, 355.
- Conkey**, J. H., and **Griscom**, L.
Probable occurrence of little gull in Massachusetts, '35, 85-86.
- conklingi** (Geococcyx), see Geococcyx.
- connectens** (Junco), see Junco.
- (Lophorina), see Lophorina.
- (Vireo), see Vireo.
- Connecticut**.
Allen, D., '32, 342, '33, 442-443.
Amadon, D., '38, 123.
Bagg, A. C., and Eliot, S. A., Jr., '32, 360-362.
Beardslee, C. S., '32, 85.
Brauner, J., '36, 445.
Brockway, A. W., '40, 270 (rev.).
Chapman, F. M., '40, 232.
Clark, Mrs. E. M., '33, 112.
Cottam, C., '34, 228-229, '35, 189, '39, 188.
Cruikshank, A. D., '35, 192.
Eliot, S. A., Jr., '33, 444-445, '34, 511-513, 521-522, '39, 77.
Eliot, S. A., Jr., and Bagg, A. C., '32, 465.
Griscom, L., '39, 134-135.
Griswold, G. T., '35, 80, '38, 533-534.
Gross, A. O., '31, 511.
Hickey, J. J., '40, 111-112.
Hoffman, M. L., '40, 244-245.
Jenkins, L. S., '35, 194.
Morehouse, B. J., '31, 277.
Murphy, R. C., and Vogt, W., '33, 328.
Ripley, S. D., '40, 247.
Saunders, A. A., '32, 80-81, 84, 84-85, 355, '33, 99, 105, '34, 234, '36, 204, 226, '37, 202.
Scoville, S., Jr., '34, 526.
Vogt, W., '31, 593.
- Connecticut Valley**.
Bagg, A. C., '32, 458-459.
Bagg, A. C., and Eliot, S. A., Jr., '32, 360-362, '33, 445.
Eliot, S. A., Jr., '35, 169-175, '39, 177-179.
Eliot, S. A., Jr., and Bagg, A. C., '32, 465, 492-493, '33, 122, '34, 246.
- Connell**, Frank Herman, and **Doremus**, H. M.
Endoparasitism in ruffed grouse near Hanover, New Hampshire, '37, 321-323.

Connery, Robert H.

Governmental problems in wild life conservation (rev.), '35, 472-473.

Conopias, Peru, '38, 312.**Conopophaga, tax. '32, 133.**

hellmayri, *Braz.* '36, 356.

subtorridus, *Boliv.* '33, 142.

Conothraupis speculigera, Peru, '34, 497.

—*descr.* '34, 498; *hist.* '34, 497-499.

Conover, Henry Boardman.

The races of the tinamou, *Crypturellus cinnamomeus* (rev.), '33, 459.

A new species of rail from Paraguay, '34, 365-366.

A new trumpeter from Brazil (rev.), '35, 119.

A new pigeon from Colombia (rev.), '39, 354.

Conover, H. B., and Bailey, A. M.

see Bailey and Conover.

Conover, H. B., and Hellmayr, C. E.

see Hellmayr and Conover.

conradi (Turdus), see Turdus.**Conservation.**

A. O. U. Committee on Bird Protection, '31, 91-94, '32, 74-76, '33, 87-90, '34, 71-73, '35, 70-73, '36, 70-73, '37, 426-428, '38, 326-329, '39, 212-219, '40, 279-281.

Adams, W. C., '31, 47-51.

Allen, F. H., '40, 134, 292, 442, 596.

Anonymous, '34, 112 (rev.).

Berry, J., '40, 583-584 (rev.).

Broun, M., '35, 233-248.

Brouwer, G. A., '38, 569 (rev.).

Bryant, H. C., '31, 91-94, '32, 74-76.

Connery, R. H., '35, 472-473 (rev.).

Dinelli, L. M., '39, 101 (rev.).

Edge, Rosalie, '40, 431 (rev.).

Freiberger, W., '31, 151-152 (rev.).

Gromme, O. J., '35, 132-133.

Gross, A. O., '31, 296-297 (rev.).

Gustafson, A. F., et al., '39, 350-351 (rev.).

Hornaday, W. T., '31, 448-449 (rev.).

Kendeigh, S. C., '40, 6-7.

Kobbé, F. W., '33, 95-96.

Leopold, A., '31, 446-448 (rev.), '33, 376-377 (rev.), '39, 496 (rev.).

Lumley, E. D., '34, 415-416 (rev.), '40, 129 (rev.).

May, J. B., '35, 331 (rev.).

McAtee, W. L., '32, 346-347, '33, 140-141 (rev.).

Pearson, T. G., '37, 401-403 (rev.).

Phillips, J. C., '31, 40-46, '32, 440-444.

Redington, P. G., '31, 229-234.

Sprunt, A., Jr., '38, 567-568 (rev.).

Stoddard, H. L., '31, 444-446 (rev.).

Stone, W. [editorials], '31, 477-479,

'32, 275-277, 394-395, 522-523, '34, 137, 138, 139, '35, 473-474, 496-497.

Sugden, J. W., '36, 293-294.

Thompson, B. H., '33, 458 (rev.).

Vogt, W., '38, 310 (rev.), '39, 208 (rev.).

Walker, E. P., '32, 259-260 (rev.).

Wight, H. M., '31, 553-558.

Wright, G. M., et al., '33, 377-378 (rev.).

consobrina (Ducula), see Ducula.

conspersus (Catherpes), see Catherpes.

conspicillatus (Forpus), see Forpus.

conterminus (Buteo), see Buteo.

— (*Geranoaëtus*), see Buteo.

continentalis (Ardeola), see Ardeola.

— (*Batrachostomus*), see *Batrachostomus*.

— (*Coccyzus*), see *Coccyzus*.

Contopus, Peru, '40, 277.

contortus (Buteo), see Buteo.

— (*Geranoaëtus*), see Buteo.

Conure, Queen of Bavaria's, see *Aratinga guarouba*.

Yellow, see *Aratinga guarouba*.

Conuropsis carolinensis (*Carolina Paroquet, Carolina Parrakeet), *Fla.* '31, 438, '39, 158; *N. J.* '36, 82; *N. Y.* '36, 82; *Pa.* '36, 82; *S. C.* '40, 438^a; *Va.* '33, 192^a.—*dist.* '39, 158; *fd.* '39, 138^a, 158; *status*, '39, 215^a, '40, 134^a; *misc.* '31, 383^a, '36, 241^a.

ludovicianus (*Louisiana Paroquet, Interior Carolina Paroquet), *Ky.* '39, 476; *Nebr.* '34, 554^a.—*fd.*, *hbt.*, '39, 476-477.

Cook, Grant Macdonald.

[Obituary of] George Lincoln Fordyce, '31, 647-648.

Cooke, May Thacher.

Speed of bird flight, '33, 309-316.

Flight speed of birds (rev.), '38, 146-147.

Winter range of the herring gull, '40, 250-251.

cookei (Sitta), see *S. carolinensis*.

cooki (Cyanoramphus), see *Cyanoramphus*.

— (*Cyrtonyx*), see *Cyrtonyx*.

Cooper Ornithological Club.

[Sixth Annual Meeting], '31, 480.

[Ninth Annual Meeting], '34, 435.

[Tenth Annual Meeting], '35, 356.

cooperi (Accipiter), see Accipiter.

— (*Falco*), see Accipiter.

— (*Nuttallornis*), see *N. mesoleucus*.

— (*Otus*), see Otus.

— (*Piranga*), see Piranga.

— (*Scops*), see Otus.

Coot, see *Fulica americana* and *F. atra*.

American, see *Fulica americana*.

- Caribbean, see *Fulica caribaea*.
 European, see *Fulica atra*.
Cope, Edward Drinker, 1840-1897.
 [Biography], '31, 456-457 (rev.).
Copeland, Harold Wilber.
 American egret at Bridgewater, Mass.,
 in spring, '34, 369.
Copsychus, *dist.* '37, 215.
mindanensis (Dominico), *P. I.* '38,
 217.—*hbt.*, *nid.*, '38, 217.
Copurus leuconotus (White-backed Co-
 purus), *Pan.* '35, 327.
Copurus, White-backed, see *Copurus*
leuconotus.
Coraciae, *Germ.* '39, 345.
Coracias indica (*Roller), *age*, '37, 226^a.
lorti (*Somaliland Roller), *melan.*
 '40, 435^a.
spatulatus (*Racket-tailed Roller),
Rhodesia, '38, 699^a.
Coraciidae, *Afr.* '38, 681.
Coraciiformes, *eye*, '38, 239, 241; *hbt.* '40,
 176; *incub.* '40, 59; *paras.* '37, 506;
misc. '38, 688.
Coracina adamsoni, *N. Guinea*, '37, 416.
melanops, *Australia*, *N. Guinea*, '38,
 699.—*mig.* '38, 699.
novae-hollandiae, *Australia*, *Tas-*
mania, '38, 699.—*mig.* '38, 699.
okuensis, *Afr.* '38, 689.
oriomo, *N. Guinea*, '37, 416.
Coracopsis nigra, *anat.* '35, 330; *hbt.* '38,
 479.
Coragyps atratus (*Black Vulture, ^bCath-
 arista, ^curubu), *Ark.* '31, 236^b; *Fla.*
 '36, 347, 381^a, '40, 246-247; *Ind.* '35,
 303, 477^a; *La.* '37, 384, '39, 472-474;
Md., '39, 181^c; *Mex.* '35, 421^a, 424^a, '40,
 237; *Mich.* '36, 374^a; *N. J.* '31, 116^c;
N. Y. '38, 521-522; *O.* '34, 401; *Okla.*
 '38, 121; *Tenn.* '31, 117^a, 598^a, '35, 78;
Va. '33, 194; *W. Va.* '31, 598^b, 599^c.—
band. '37, 384, '39, 472; *behav.* '39,
 472-474; *egg.* '40, 52^a, 55^a; *fd.* '39,
 472-474; *hyb.* '37, 384; *incub.* '35, 78,
 '40, 52^a, 55^a, 58^a; *nest.* '31, 598^a, '35, 78;
pter. '39, 407-410; *misc.* '37, 384, 555^a.
corallirostris (Hypositta), see Hypositta.
corax (Corvus), see Corvus.
Corbeau, see *Corvus principalis*.
 Indian, see *Lophopsittacus mauriti-*
anus.
Corcorax, *hbt.* '40, 214.
cordatus (Milvago), see Milvago.
corensis (Columba), see *C. squamosa*.
Coriphilus peruvianus (*White-throated
 Lory, Tahiti Blue Lory), *avic.* '38, 582;
misc. '36, 363^a.
Cormorant, see *Phalacrocorax carbo*.
 Brazilian, see *Phalacrocorax olivaceus*.
 Common, see *Phalacrocorax carbo*.
 Double-crested, see *Phalacrocorax auri-*
tus.
 European, see *Phalacrocorax carbo*.
 Farallon, see *Phalacrocorax albo-*
ciliatus.
 Flightless, see *Nannopterum harrisi*.
 Florida, see *Phalacrocorax floridanus*.
 Pallas's, see *Phalacrocorax perspicil-*
latus.
 Pelagic, see *Phalacrocorax pelagicus*.
 Pied, see *Phalacrocorax varius*.
 Spotted, see *Phalacrocorax punctatus*.
 Violet-green, see *Phalacrocorax pela-*
gicus.
 White-throated, see *Haliëtör brevi-*
rostris.
 Corn-crake, see *Crex crex*.
 Corneille, see *Corvus brachyrhynchos*.
 corniculata (Fratercula), see Fratercula.
 cornix (Corvus), see Corvus.
 cornuta (Anhima), see Anhima.
 cornutus (Nyctibius), see Nyctibius.
 coromandelianus (Cheniscus), see Che-
 niscus.
 coronata (Cyanocitta), see Cyanocitta.
 — (Dendroica), see Dendroica.
 — (Hemiprocne), see Hemiprocne.
 — (Petrochelidon), see *P. cavicola*.
 — (Zonotrichia), see Zonotrichia.
 coronatus (Stephanoaëtus), see Stephano-
 aëtus.
 corone (Corvus), see Corvus.
 coronoides (Corvus), see Corvus.
Corthilio, *tax.* '35, 105.
calendula (*Eastern Ruby-crowned
 Kinglet, Ruby-crowned Kinglet, ^bReg-
 ulus), *Alla.* '31, 263^a; *Ark.* '31, 239^b;
La. '40, 408, 409; *Me.* '35, 460, '37,
 308^a; *Mass.* '32, 486^a; *Mex.* '40, 240;
N. F. '36, 344; *N. C.* '36, 227; *O.* '37,
 326; *Ont.* '39, 18.—*blood.* '37, 517;
feather count. '36, 164^a, 167^a; *song.* '34,
 505^a; *wt.* '37, 326, '38, 443, 514; *wing*
area. '38, 514.
cineraceus (*Western Ruby-crowned
 Kinglet, ^bRegulus), *Calif.* '38, 532^a;
Nev. '35, 468^b.
ignicapillus (*Fire-crested Kinglet),
Spain. '37, 413^a.
Corti, Ulrich A.
 Vogelschutz und Kulturlandschaft
 (rev.), '37, 219.
 Der Rotmilan, *Milvus m. milvus* (L.),
 in der Schweiz (rev.), '38, 570.
 Mitteilungen über das Vorkommen der
 Turteltaube, *Streptopelia t. turtur*
 (L.), in der Schweiz (rev.), '38, 570.
Corvidae, *behav.* '39, 207, 257, 405, '40,
 171, 176, 520; *eye.* '38, 239; *myol.* '38,
 642, 649; *song.* '38, 264, 266; *tax.* '40,

- 590; temp. '38, 651; misc. '36, 166, '38, 101, 571, '39, 272, '40, 444.
- corvina (Corvinella), see Corvinella.
- (Eudynamis), see Eudynamis.
- Corvinae, eye, '38, 235, 236.
- Corvinella caliginosa, Afr. '33, 459.
- chapini, Afr. '33, 459.
- corvina (Yellow-billed Shrike), tax. '33, 459.
- Corvultur crassirostris, fd. '40, 590.
- Corvus, eye, '38, 235.
- agricola (Syrian Rook), Jerusalem, '33, 183.
- brachyrhynchus (*Eastern Crow, Crow, ^bCorneille), Acadia, '39, 288^a, '40, 80^a; Ark. '31, 238, '36, 337; Great Lakes, '32, 235^a; Ill. '34, 538^a; Ia. '34, 253, '36, 334^a; Kans. '36, 337; Man. '37, 393–394; Mass. '36, 225^a; Mich. '31, 592, '37, 314^a, '38, 189^a, 196^a; N. B. '40, 107^a; N. F. '36, 344; N. J. '38, 294^a; N. Y. '31, 270, '34, 470; N. C. '36, 209^a; O. '31, 370, '36, 337, '37, 222^a, 326; Okla. '36, 433, '38, 504; Ont. '33, 126^a, '39, 18; Pa. '38, 123^a; Que. '37, 37; Tenn. '36, 337; Va. '33, 199, '36, 93^a, '40, 423^a; Wisc. '38, 673.—alb. '36, 245^a; behav. '40, 253; destr. '38, 673, '40, 283^a; disease, '40, 573; ecol. '40, 272^a; egg, '35, 189, '40, 45^a, 56^a; eye, '38, 235^a; fig. '34, 475 (graph of food); flight, '33, 316^a; fd. '31, 592, '34, 470–476, '36, 334^a, 337–338, '40, 573; hbt. '38, 101; incub. '40, 56^a, 59^a; meas. '36, 24–27, '38, 504; mig. '40, 485^a, 498; myol. '38, 642; nid. '37, 394; nomen. '40, 80^{ab}; pl. '37, 394; plm. '36, 360^a; song, '38, 266^a; tax. '35, 105; wt. '31, 574, '37, 326, '38, 442, 516, 673; wing area, '38, 513, 516; misc. '31, 270, '36, 22, 264^a, 267^a, '37, 43, 96^a, 223, 324^a, 403^a, '38, 140^a, '40, 252, 262^a.
- caurinus (*Northwestern Crow), B. C. '37, 223^a.—tax. '35, 106, '37, 223^a.
- celebensis, Celebes, '36, 362.
- corax (*European Raven, Raven), Finl. '38, 578^a.—behav. '37, 252^a, 261^a, 263^a, '40, 176, 435^a; misc. '36, 477.
- cornix (*Gray Crow, Hooded Crow), Jerusalem, '33, 183; Scotl. '40, 584^a.—band. '31, 640; behav. '39, 257; fd. '34, 417; hbt. '38, 101, 103^a, '40, 584^a; mig. '39, 19; syst. '36, 153^a; misc. '37, 223^a, 267^a.
- corone (*Carriion Crow), fd. '40, 520; hbt. '33, 256, '38, 101, 104^a, '40, 176; syst. '36, 153; misc. '37, 223^a, '39, 205.
- coronoides (Australian Raven), eye, '40, 430.
- cryptoleucus (*White-necked Raven), Okla. '36, 433; Tex. '33, 62, '35, 99, '38, 133, 134^a.—fd., nest, '36, 433.
- cyprius, Cyprus, '40, 274.
- frugilegus (*Rook), Irel. '38, 574.—behav. '40, 173, 176; dist. '33, 204; egg, '38, 574; fd. '37, 218^a; hbt. '38, 307^a; life hist. '35, 209^a; mig. '39, 19; misc. '31, 642, '36, 363^a.
- hesperis (*Western Crow), Calif. '37, 394, '38, 301^a.—fd. '38, 301^a; nest, '37, 394; misc. '36, 22.
- leucognathus, P. R. '38, 55.—misc. '38, 52.
- mexicanus (*Mexican Crow, Crow), Mex. '35, 424^a.
- nasicus, Bah. I. '38, 52; Cuba, '40, 203.
- ossifragus (*Fish Crow), Ark. '31, 238, '35, 90; Conn. '33, 445; Fla. '36, 348; N. C. '37, 457; Va. '34, 381, '36, 85.—egg, '40, 56^a; fd. '33, 452^a; incub. '40, 56^a, 59^a; nest, '37, 457; wt. '38, 516; wing area, '38, 513, 516.
- pascuus (Florida Crow), Fla. '31, 251.
- paulus (*Southern Crow), Ark. '35, 90; S. C. '36, 313; Va. '33, 199; W. Va. '38, 311^a.
- philippinus (Philippine Crow), P. I. '38, 216.—nid. '38, 216.
- principalis (*Northern Raven, Southeastern Raven, Raven, ^bCorbeau, ^eeurophilus), Acadia, '40, 80^a; Baf. I. '37, 228^a, '40, 16^a, 19^a; B. C. '39, 205^a; Ga. '31, 616^a; Ind. '35, 454^a; Labr. '37, 28^a, 37, 46^a; Me. '38, 551; Mich. '34, 26, '39, 202^a; N. J. '32, 223; O. '35, 454^a; Pa. '35, 311, 482^a; Va. '33, 447, '34, 87, '35, 189, '36, 119^a, '38, 537; W. Va. '34, 395^a; Wisc. '35, 455^a, '36, 101^a, 218^a.—egg, '40, 56^a; fd. '33, 447, '35, 89, 455^a; incub. '40, 56^a, 59^a; nest, '38, 537; nomen. '40, 80^{ab}; misc. '40, 262^a.
- scapulatus (*Pied Crow), Afr. '37, 216^a.
- sinuatus (*American Raven, Western Raven, Raven, ^bcorax), Ariz. '39, 323; Mex. '35, 254, 422, '40, 236^a, 239; Okla. '35, 453; Ore. '38, 302^a.—flight, '33, 315^a; myol. '38, 642–650; nid. '35, 453–454, '38, 302^a; type loc. '34, 548; misc. '35, 361, 455.
- splendens (*Indian Crow), nest, '39, 248–249^a.
- zugmayeri (*Sind House Crow), India, '37, 561^a.
- coryi (Loxigilla), see Loxigilla.
- Coryphospingus araguira (Argentine Red-crested Finch), Argent. '31, 57.—hbt. '31, 53, 57.

- fargoi*, *Parag.* '39, 100.
pileatus (Pileated Finch), *Braz.* '31, 57.—*hbt.* '31, 53, 57.
Coryphotriccus albivittatus, *Pan.* '33, 305.
Corythaixoides leucogaster, *Afr.* '40, 318.—*fledg.* '40, 318.
Corythocichla cognata, *Siam.* '34, 115.
Corythornis cristata, *tax.* '34, 426.
Cosmetornis, see *Semelophorus*.
Cossypha, *nomen.* '38, 138.
dichora, *misc.* '36, 131.
euronota, *Mozambique.* '31, 150.
heuglini, *tax.* '31, 150.
Costa Rica.
Griscom, L., '33, 297–308.
Kelso, L., '37, 304.
Moore, R. T., '40, 351–383.
Moore, R. T., and *Peters*, J. L., '39, 48.
Skutch, A. F., '40, 293–312.
Smith, A. P., '32, 496–497.
Todd, W. E. C., '39, 428.
Van Rossem, A. J., '31, 33, 36.
costaricanum (*Glaucidium*), see *Glaucidium*.
costaricensis (*Brachyospiza*), see *Brachyospiza*.
 — (*Centurus*), see *Centurus*.
 — (*Grallaricula*), see *Grallaricula*.
 — (*Pachyramphus*), see *Pachyramphus*.
 — (*Vireo*), see *V. chiriquensis*.
 — (*Xiphocolaptes*), see *Xiphocolaptes*.
Cottam, Clarence.
 Nocturnal habits of the chimney swift, '32, 479–481.
 Winter records for the coastal region of North Carolina, '33, 231–232.
 The blue goose in North Carolina, '33, 353.
 Spring migration of the great blue heron, '33, 427–428.
 Summer bird records for North Carolina, '34, 94–96.
 Incursion of American scoters in Norfolk, Connecticut, '34, 228–229.
 Possible extension of regular winter range of the great black-backed gull, '34, 376.
 see *Whitehead*, F. E., 'The effect of arsenic, as used in poisoning grasshoppers, upon birds' (rev.), '35, 118–119.
 Late migration of tree swallows and mourning doves, '35, 189.
 Winter notes from coastal North Carolina, '35, 318–319.
 Blue and snow geese in eastern United States in the winter of 1934–35—with notes on their food habits, '35, 432–441.
 Early migration of the great black-backed gull, '36, 81.
 Status of the black-backed gull, '36, 332–333.
 [On injury feigning by birds], '36, 481.
 see *Mendall*, H. L., 'Home life and economic status of the double-crested cormorant' (rev.), '37, 213–214.
 American egret and black-bellied plover in Delaware in winter, '37, 382.
 see *Knowlton*, G. F., 'Utah birds in the control of certain insect pests' (rev.), '38, 300.
 see *Knowlton*, G. F., 'Biological control of the beet leafhopper in Utah' (rev.), '38, 303.
 Late occurrence of nighthawk in Connecticut, '39, 188.
 Food habits of North American diving ducks (rev.), '39, 490–491.
 [Obituary of] *John William Sugden*, Sr., '40, 448.
Cottam, C., and *Hanson*, H. C.
 Food habits of some arctic birds and mammals (rev.), '38, 690.
Cottam, C., and *Kelso*, L.
 An incubating woodcock, '33, 170–173.
Cottam, C., and *Knappen*, Phoebe.
 Oil gland usually tufted in *Hydranassa tricolor ruficollis*, '33, 94–95.
 Food of some uncommon North American birds, '39, 138–169.
Cottam, C., *Nelson*, A. L., and *Williams*, C. S.
 Uncommon winter birds in coastal North Carolina, '37, 548–549.
Cottam, C., and *Uhler*, F. M.
 Bird records new or uncommon to Maryland, '33, 460–461.
 The rôle of fish-eating birds (rev.), '36, 243.
Cottam, C., and *Williams*, C. S.
 Food and habits of some birds nesting on islands in Great Salt Lake (rev.), '40, 126.
Cotton, Bernard C.
 The mallee fowl's nest (rev.), '40, 126.
Coturnicops, *tax.* '36, 242.
emersoni, *Calif.* '36, 242.
noveboracensis (=Yellow Rail), *Calif.* '40, 589; *Ill.* '34, 101, 403; *Kans.* '34, 255; *La.* '34, 399; *Man.* '38, 670–671; '39, 232; *Mich.* '31, 617; '34, 80, '35, 362; '37, 310, 311, 472–473; '39, 227–237; *N. Y.* '33, 446; *N. S.* '38, 549; *Ont.* '38, 284; '39, 238–243; *Va.* '38, 124; *Wash.* '39, 205; *W. Va.* '36, 97, '40, 413–414.—*aviary*, '33, 121; *behav.* '39, 233–234, 239–241; *bill color*, '39, 230–232, 236; *destr.* '40, 165;

- dist.* '39, 233, 238; *egg.* '39, 230, 236, 238, 241; *fig.* '39, 236, 238; *fd.* '39, 234, 241; *hbt.* '38, 670; *meas.* '39, 230-231; *mig.* '39, 228-229; *nid.* '39, 229-230, 241; *note.* '38, 124, 670, '39, 232-233, 239; *wt.* '39, 230-232, 236, '40, 164; *misc.* '40, 168^a.
- richi*, O. '36, 242.
- Coturnix coturnix**, *misc.* '35, 222.
- Coua**, *Mad.* '37, 215.
- Coucal, Black-chested, see *Centropus grillii*.
- Madagascar, see *Centropus toulou*.
- Red-winged, see *Centropus viridis*.
- couchi* (*Aphelocoma*), see *Aphelocoma*.
- cousi* (*Heleodytes*), see *Heleodytes*.
- Coursen**, Charles Blair.
- Shoveller nesting near Chicago, '32, 461-462.
- Coursen**, C. B., **Ford**, E. R., and **Sanborn**, C. C.
- see Ford, Sanborn and Coursen.
- Courseur, Bronze-wing, see *Rhinoptilus chalcopertus*.
- Court**, Edward Joseph.
- Four rare nesting records for Maryland, '36, 95-96.
- Court**, E. J., and **Ball**, W. H.
- see Ball and Court.
- Courtship**.
- Ayer, Ethel C., '38, 532 (*Bubo v. pacificus*).
- Bagg, A. C., and Eliot, S. A., Jr., '33, 430-431 (*Lophodytes cucullatus*).
- Baumgartner, F. M., '39, 352 (rev.) (*Bubo v. virginianus*).
- Chapman, F. M., '36, 111-112 (rev.) (*Manacus vitellinus*).
- Cruikshank, A. D., '36, 321 (*Nettion crecca*, *N. carolinensis*).
- Gross, A. O., '38, 388-389 (*Somateria m. dresseri*).
- Gunn, D., '40, 127 (rev.) (*Glaucionetta clangula*).
- Hickey, J. J., '40, 111-112 (*Larus atricilla*).
- Hollom, P. A. D., '38, 149-150 (rev.) (*Mergellus albellus*).
- Hosking, E. J., '40, 272 (rev.) (*Colymbus auritus*).
- Johnson, C. E., '34, 477-481 (*Colaptes a. luteus*).
- König, D., '39, 104 (rev.) (general).
- Lack, D., '40, 169-178, 435 (rev.) (*Eri-thacus rubecula*).
- Mennig, S., '40, 436 (rev.) (*Alauda arvensis*, *Anthus trivialis*).
- Noble, G. K., '36, 269-282 (*Colaptes a. luteus*); '39, 263-273 (many species).
- Poncy, R., '39, 205 (rev.) (*Sterna hirundo*).
- Simon, J. R., '40, 467-471 (*Centrocercus urophasianus*).
- Twomey, A. C., '34, 291-292 (*Larus philadelphia*).
- Wellman, G. B., '33, 112 (*Sitta canadensis*).
- Whittle, C. L., '32, 464-465 (*Phasianus torquatus*).
- Cowan**, Ian McTaggart.
- Distribution of the races of the Williamson sapsucker in British Columbia (rev.), '38, 690.
- Pentadactyly in a spotted sandpiper (rev.), '40, 588.
- Cowbird, see *Molothrus ater*.
- Bronzed, see *Tangavius aeneus*.
- Cabanis' Shiny, see *Molothrus cabanisi*.
- Dark Shiny, see *Molothrus melanogyna*.
- Dwarf, see *Molothrus minimus* and *M. obscurus*.
- Eastern, see *Molothrus ater*.
- Glossy, see *Molothrus minimus*.
- Nevada, see *Molothrus artemisiae*.
- North American, see *Molothrus ater*.
- Red-eyed, see *Tangavius involucratus*.
- Sagebrush, see *Molothrus artemisiae*.
- Shiny, see *Molothrus bonariensis* and *M. occidentalis*.
- Small Shiny, see *Molothrus minimus*.
- Cowles**, Raymond Bridgman.
- Observations on the amethyst sunbird, *Chalcomitra amethystina amethystina* (Shaw), '36, 28-30.
- Observations on the spot-backed weaver (*Ploceus spilonotus* Vig.), '36, 295-297.
- Avian habitats in the thorn-bush areas of Natal, '37, 55-61.
- Cox**, Alta R. (Mrs. Thomas J. Cox).
- Black rail breeding in Indiana, '37, 100-101.
- Cox**, William D.
- Bird stamps of all countries with a natural history of each bird (rev.), '35, 334.
- cozumelae* (*Coccyzus*), see *Coccyzus*.
- (*Xanthoura*), see *Xanthoura*.
- Crabb**, Edward Drane.
- The woodpeckers of Oklahoma (rev.), '31, 147.
- Crabb**, Wilfred D.
- Fall records of golden plover in Iowa (rev.), '39, 101.
- Cracticus torquatus** ("Gray Butcherbird"), *Australia*, '37, 563^a.—*hbt.* '37, 563^a.
- Craig**, Wallace.
- The music of the wood pewee's song and one of its laws, '35, 174-178.
- Psychological terminology, '38, 159.

- Craighead, Frank, and Craighead, John.**
Hawks in the hand: adventures in photography and falconry (rev.), '40, 261-263.
- Crake, Corn, see** *Crex crex*.
- Ruddy, see** *Porzana erythrorhax*.
- Cramer, William Stuart.**
Brewster's warbler at Lancaster, Pa., '31, 434.
Rare birds in Lancaster Co., Pa., '31, 593.
Lapland longspur at Brigantine, N. J., '31, 610.
Virginia rail in the stomach of a green frog, '32, 80.
Brünnich's murre in southern New Jersey, '32, 219.
Purple gallinule at Harrisburg, Pennsylvania, '32, 348-349.
The red phalarope in New Jersey, '32, 349.
Another record of Brewster's warbler in Lancaster County, Pa., '32, 355.
An unusual flock of waterfowl at Harrisburg, Pa., '34, 368.
Kumlien's gull (*Larus kumlieni*) at Brigantine, N. J., '34, 375.
"Kumlien's gull" at Brigantine—a correction, '35, 186.
- cranbrookii** (*Grammatoptila*), see *Grammatoptila*.
- Crandall, Lee Saunders.**
Paradise quest, a naturalist's experiences in New Guinea (rev.), '32, 121-122.
Further notes on certain birds of paradise (rev.), '38, 147.
Notes on plumage changes in the quetzal (rev.), '39, 493.
- Crane, see** *Grus grus*.
Common, see *Grus grus*.
European, see *Grus grus*.
Florida, see *Grus pratensis*.
Little Brown, see *Grus canadensis*.
Sandhill, see *Grus pratensis* and *G. tabida*.
Wattled, see *Bugeranus carunculatus*.
Whooping, see *Grus americana*.
- Craniouleuca goyana, Braz.** '36, 356.
solimonensis, Braz. '38, 696.
- crassipes** (*Meleagris*), see *Meleagris*.
crassirostris (*Ailuroedus*), see *Ailuroedus*.
— (*Corvultur*), see *Corvultur*.
— (*Oryzoborus*), see *Oryzoborus*.
— (*Platypsaris*), see *Platypsaris*.
— (*Platypiza*), see *Platypiza*.
— (*Vireo*), see *Vireo*.
crassus (*Passerculus*), see *Passerculus*.
- Crateroscelis pallida, N. Guinea,** '38, 697.
- Cratophera carunculata** (Wattled Starling), *Afr.* '37, 216.—*fd.* '37, 216.
- Cravan, see** *Branta hrota*.
- Crax alberti** (Curassow), *Venez.* '35, 329.
rubra (*bglobicera*), *misc.* '31, 469^b, '39, 151^b.
- Creager, Baron.**
Cypress swamp of the Kiamichis (rev.), '38, 570.
- Creagrus furcatus** (Swallow-tailed Gull), *Colom.* '39, 200.
- Creatophora, Arabia, E. Afr.,** '38, 694.—*tax.* '38, 694.
creatopus (*Puffinus*), see *Puffinus*.
crecca (*Anas*), see *Nettion*.
— (*Nettion*), see *Nettion*.
- Creciscus, nomen.** '33, 142, '34, 541.
stoddardi (*Black Rail, Little Black Rail, Jamaicensis*), *Fla.* '31, 439^b; *Ill.* '37, 204; *Ind.* '37, 100-101; *N. J.* '35, 446; *N. Y.* '38, 124; *Tenn.* '36, 119; *Va.* '40, 422-423.—*band.* '37, 204; *egg.* '37, 101; *nest.* '38, 124.
- Creep, Brown, see** *Certhia americana*.
California, see *Certhia occidentalis*.
Dominica Honey, see *Coereba dominicana*.
Mexican Brown, see *Certhia alticola*.
Mexican Honey, see *Coereba mexicana*.
Tree, see *Certhia familiaris*.
- crepitans** (*Psophia*), see *Psophia*.
— (*Rallus*), see *Rallus*.
— (*Thamnophilus*), see *Thamnophilus*.
- Crete.**
Pease, H. J. R., '40, 437 (rev.).
White, C. M. N., '39, 208 (rev.).
- Creurgops, tax.** '35, 213.
- Creutz, Gerhard.**
Zur Brutbiologie des Trauerfliegen-schnappers (rev.), '37, 560-561.
- Crevecœur, F. F.**
[Receives testimonial from Biological Survey], '31, 333.
- Crex crex** (*Corn Crake, Land Rail*), *Afr.* '37, 412^a.—*avic.* '40, 437^a; *fd.* '32, 126; *mig.* '37, 412^a; *misc.* '31, 316, '38, 690^a.
- Criddle, Norman, 1875-1933.**
Obituary, '34, 70, 133-134.
- crinitus** (*Myiarchus*), see *Myiarchus*.
— (*Myiarchus*), see *M. boreus*.
- crissalis** (*Pipilo*), see *Pipilo*.
— (*Vermivora*), see *Vermivora*.
- cristata** (*Alauda*), see *Alauda*.
— (*Cariama*), see *Cariama*.
— (*Corythornis*), see *Corythornis*.
— (*Cyanocitta*), see *Cyanocitta*.
— (*Eucometes*), see *Eucometes*.
— (*Meleagris*), see *Penelope*.
— (*Paroaria*), see *Paroaria*.
— (*Penelope*), see *Penelope*.
- cristatella** (*Aethia*), see *Aethia*.
cristatellus (*Aethiopsar*), see *Aethiopsar*.
cristatus (*Bycanistes*), see *Bycanistes*.

- (Colymbus), see Colymbus.
 — (Lophostrix), see Lophostrix.
 — (Parus), see Parus.
 — (Podiceps), see Colymbus.
 — (Thalasseus), see Thalasseus.
 — (Vanellus), see Colymbus.
Crocethia alba (*Sanderling), *Ark.* '38, 285; *C. R.* '33, 299; *Fla.* '34, 98^a, '37, 536^a; *Hond.* '36, 186, 189; *Ice.* '33, 203; *Ia.* '35, 84; *Ky.* '38, 678; *Labr.* '37, 26; *La.* '34, 399; *Mass.* '37, 388–389; *Mex.* '35, 253; *Mich.* '34, 22; *N. H.* '36, 454; *N. J.* '31, 419^a, 421, 422^a, '32, 470–474; *N. C.* '33, 231, '35, 318, '37, 455, 549; *Pan.* '35, 325, 326; *Pa.* '34, 94^a; *S. Am.* '36, 171^a; *S. C.* '40, 402^a; *Tex.* '38, 68; *Va.* '33, 452^a, '35, 438^a; *Wash.* '40, 131^a; *W. Va.* '34, 232.—*colors*, '36, 189; *egg*, '40, 57^a; *flight*, '33, 314^a; *fd.* '33, 452^a, '37, 26, '40, 131^a; *hbt.* '31, 182^a, 184^a, 520^a; *incub.* '40, 57^a, 58^a; *meas.* '37, 26; *mig.* '38, 68; *wt.* '37, 26; *misc.* '31, 195–197.
croceus (Macronyx), see Macronyx.
Croft, Gordon Yan.
 Cedar waxwing (*Bombicilla cedrorum*) breeding in Utah, '32, 91.
Crook, Compton.
 Cowbird notes from Tennessee, '34, 384–385.
 The incubation period of the black vulture, '35, 78–79.
 Nesting of the lark sparrow in central Tennessee, '35, 194–195.
 The status of the black-billed cuckoo in Tennessee (rev.), '36, 114.
 A winter food supply for the crow, '36, 337–338.
Crooks, Frank Dean.
 Starlings nesting near Rogers, Arkansas, '39, 477.
Crosby, Maunsell Schieffelin, 1887–1931. Obituary, '31, 320–322, '32, 69.
Crossbill, see *Loxia curvirostra*.
 Algerian, see *Loxia polioynga*.
 American, see *Loxia pusilla*.
 Bendire's, see *Loxia bendirei*.
 Mexican, see *Loxia stricklandi*.
 Newfoundland, see *Loxia perna*.
 North African, see *Loxia polioynga*.
 Red, see *Loxia pusilla*.
 Sitka, see *Loxia sitkensis*.
 White-winged, see *Loxia leucoptera*.
Crossoptilon auritum (*Blue-eared Pheasant, Blue Crossoptilon), *avic.* '34, 123^a, '37, 418^a.
dolani, *Tibet*, '38, 570–571.
 Crossoptilon, Blue, see *Crossoptilon auritum*.
Crotophaga, '38, 139.
ani (*Smooth-billed Ani, Ani, Judio),

- Br. Guiana*, '40, 179; *C. R.* '33, 300; *Fla.* '31, 250, '36, 100, '37, 391, '39, 335–336, '40, 571; *Mona I.* '36, 100; *Pan.* '39, 95^a, '40, 179; *S. C.* '32, 496.—*alb.* '40, 202; *behav.* '40, 181–195, 204–205, 474; *court.* '40, 189–192; *dist.* '40, 179; *ecol.* '40, 202–205; *egg*, '40, 479, 482; *flight*, '40, 196; *fd.* '40, 196; *hbt.* '40, 179–216, 482, 483^a; *incub.* '40, 198, 216; *life hist.* '40, 179–218; *nid.* '39, 335–336, '40, 189–216; *nomen.* '40, 188^a; *note*, '40, 187–189, 476; *paras.* '40, 203; *parasitism*, '40, 212–213; *sex ratio*, '40, 197; *wt.* '40, 196–197.
major, *S. Am.* '40, 179.—*hbt.* '40, 179; *note*, '40, 477.
sulcirostris (*Groove-billed Ani), *Argent.* '38, 584^a; *Ariz.* '33, 124; *C. R.* '32, 496; *Hond.* '35, 258, '36, 190; *Tex.* '38, 133.—*colors*, '36, 190; *dist.* '40, 179; *hbt.* '35, 258, 260, '40, 179.
Crotophaginae, *hbt.* '40, 472; *nid.* '40, 213; *parasitism*, '40, 482; *misc.* '40, 179.
Crouch, James Ensign.
 Nesting habits of the cedar waxwing (*Bombicilla cedrorum*), '36, 1–8.
 Crow, see *Corvus brachyrhynchos* and *C. mexicanus*.
 Carrion, see *Corvus corone*.
 Clark's, see *Nucifraga columbiana*.
 Eastern, see *Corvus brachyrhynchos*.
 Fish, see *Corvus ossifragus*.
 Florida, see *Corvus pascuus*.
 Gray, see *Corvus cornix*.
 Hooded, see *Corvus cornix*.
 Indian, see *Corvus splendens*.
 Mexican, see *Corvus mexicanus*.
 Northwestern, see *Corvus caurinus*.
 Paradise, see *Lycocorax pyrrhopterus*.
 Philippine, see *Corvus philippinus*.
 Pied, see *Corvus scapulatus*.
 Siamese Hunting, see *Cissa chinensis*.
 Sind House, see *Corvus zugmayeri*.
 Southern, see *Corvus paulus*.
 Western, see *Corvus hesperis*.
 Crow-shrike, White-backed, see *Gymnorhina hypoleuca*.
Crowell, Sears.
 A lengthened egg-laying interval in the common tern, '35, 86.
crucigerus (Otus), see Otus.
Cruickshank, Allan Dudley.
 The orange-crowned warbler in the New York City region, '35, 191–192.
 Some observations of the European teal, '36, 321–322.
 Bay ducks frozen to the beach, '36, 323–324.
 [On injury feigning by birds], '36, 480.
 A Swainson's hawk migration, '37, 385.

- Observations at Muscongus Bay, Maine, '38, 550-552.
 A new breeding bird for New York State, '38, 666-667.
 Herring gulls following the plow, '38, 672.
 Hurricane lashes Long Island, '39, 179.
 Falcon, Buteo and harrier eat herring gull, '39, 474-475.
- Cryptoglaux acadica** (*Saw-whet Owl), Calif. '38, 302^a; Ia. '39, 359^a, '40, 594^a; Kans. '40, 416; Ky. '40, 254; Md. '33, 368; Mass. '31, 565; Mich. '31, 266, '35, 201, '38, 190-197; N. Y. '33, 227; N. C. '34, 237; O. '36, 228; Okla. '34, 236; Pa. '40, 253-254; Que. '31, 169; S. C. '34, 250; Tenn. '40, 432^a; Va. '37, 539; W. Va. '33, 361; Wisc. '31, 282, '36, 447.—*destr.* '40, 253; *egg.* '40, 57^a; *eye.* '38, 243^a; *flight.* '38, 197; *fd.* '31, 174, '40, 254; *hbt.* '31, 169, '36, 447; *incub.* '40, 57^a, 59^a; *nid.* '38, 302^a; *pellets.* '38, 190; *pl.* '31, 169, 172; *song.* '31, 173; *wt.* '38, 516; *wing area.* '38, 516; *misc.* '34, 522^a, '36, 118^a, 374.
- funerea** (*Tengmalm's Owl, Little Owl, ^bAegolius, ^cNyctale, ^dtengmalmi), Nor. '36, 124^b.—*anat.* '38, 180^b; *biol.* '35, 351^b; *fd.* '34, 258^b, 417^{ed}; *nomen.* '39, 196^b.
- richardsoni** (*Richardson's Owl), Que. '31, 245^a; Wisc. '35, 451-452, '39, 483.—*foot.* '36, 52; *misc.* '39, 94^a.
- cryptoleuca** (Progne), see Progne.
cryptoleucus (Corvus), see Corvus.
 — (Notharcus), see Notharcus.
cryptoxanthus (Poicephalus), see Poicephalus.
- Crypturellus blancaneuxi**, Br. Hond. '35, 483.
cinnamomeus, *tax.* '33, 459; *misc.* '35, 483.
decolor, *Braz.* '37, 562.
duidae, *Venez.* '39, 110.
meserythrus, Hond. '36, 187.—*colors, fd.*, '36, 187.
noctivagus, *tax.* '39, 110.
septentrionalis, *Braz.* '32, 506.
soconuscensis, *Mex.* '39, 353.
vicinior, Hond. '33, 459.
- Crypturornis hynochracea**, *Braz.* '38, 695.
lyardi, *Braz.* '38, 695.
poliocephalus, Pan. '38, 144.
csákvárens (Cygnus), see Cygnus.
- Cuba.**
 Aguayo, C. G., and Moreno, A., '40, 269 (rev.).
 Bond, J., '40, 412.
 Bruner, S. C., '39, 201 (rev.).
 Davis, D. E., '40, 179-218.
- Huntington, J. L., and Barbour, T., '36, 436-437.
 Lincoln, F. C., '32, 457, '33, 206, 218, '37, 391.
 Murphy, R. C., and Vogt, W., '33, 333.
 Pough, R. H., '40, 130 (rev.).
 Riley, J. H., '35, 193.
 Wetmore, A., '32, 506 (rev.).
- cubanensis** (Antrostomus), see Antrostomus.
 — (Colinus), see Colinus.
- Cuckoo, see *Cuculus canorus*.
 Antigua Mangrove, see *Coccyzus rileyi*.
 Black, see *Eudynamis scolopaceus*.
 Black-billed, see *Coccyzus erythrophthalmus*.
 Black-eared, see *Misocallius osculans*.
 Bronze, see *Chalcites lucidus*.
 Brush, see *Cacomantis pyrrhophanus*.
 Channel-billed, see *Scythrops novae-hollandiae*.
 Chestnut-breasted, see *Cacomantis castaneiventris*.
 Ecuadorian Banded Ground, see *Neomorphus radiolosus*.
 Emerald, see *Chrysococcyx intermedius*.
 European, see *Cuculus canorus*.
 Fan-tailed, see *Cacomantis flabelliformis*.
 Great Spotted, see *Clamator glandarius*.
 Himalayan, see *Cuculus optatus*.
 Khasia Hills, see *Cuculus bakeri*.
 Lesser, see *Cuculus poliocephalus*.
 Long-tailed, see *Urodynamis taitensis*.
 Mangrove, see *Coccyzus dominicae*.
 Maynard's, see *Coccyzus maynardi*.
 Pallid, see *Cuculus pallidus*.
 Shining, see *Chalcites lucidus*.
 Yellow-billed, see *Coccyzus americanus*.
 Yellow-tailed Black, see *Calyptorhynchus funereus*.
 Cuckoo-shrike, Black, see *Campephaga flava*.
- Cucull**, *Germ.* '39, 345.
Cuculidae, *behav.* '40, 172; *eye.* '38, 239; *fledg.* '40, 317-318; *parasitism.* '40, 482; *misc.* '40, 179, 215.
Cuculiformes, *eye.* '38, 239, 241; *hbt.* '40, 176; *incub.* '40, 58; *paras.* '37, 506, '40, 517; *tax.* '40, 581.
cucullata (Geothlypis), see *G. velatus*.
 — (Paroaria), see *Paroaria*.
 — (Pitta), see *Pitta*.
cucullatus (Icterus), see *Icterus*.
 — (Lophodytes), see *Lophodytes*.
 — (Spermestes), see *Spermestes*.
 — (Textor), see *Textor*.

Cuculus, *Afr.* '36, 474.

bakeri (Khasia Hills Cuckoo), *Alas.*

'31, 269.—*hbt.* '38, 304, '39, 356.

bangsi, *hbt.* '38, 139, '39, 100–101; *hosts*, '39, 101.

canorus (*European Cuckoo, Cuckoo), *Afr.* '37, 409; *Jerusalem*, '33, 183; *N. Guinea* (?), '38, 151.—*behav.* '40, 172; *egg*, '40, 270^a; *hbt.* '38, 138–139, '39, 196^a, 266–267, 273^a, '40, 39, 42^a; *hosts*, '38, 139, 569^a, '39, 496; *note*, '39, 266; *misc.* '40, 128^a, 436.

optatus (Himalayan Cuckoo), *Alas.* '31, 269, '39, 159; *N. Guinea*, '38, 151.—*fd.* '39, 159.

pallidus (*Pallid Cuckoo), *hbt.* '33, 385–395^a.

poliocephalus (*Lesser Cuckoo), *misc.* '36, 474^a.

telephonus, *hbt.* '38, 139.

cuicui (Microeca), see *Microeca*.

culiacani (Empidonax), see *Empidonax*.

Cuncuma vocifer, *Afr.* '40, 317.—*fledg., incub.* '40, 317, 323.

cuneata (Geopelia), see *Geopelia*.

cunicularia (Speotyto), see *Speotyto*.

Cunneen, James Michael.

Brünnich's murre in Brooklyn, N. Y., '34, 376–377.

cupido (Tymanuchus), see *Tymanuchus*.

cupripennis (Aglaeactis), see *Aglaeactis*.

Curassow, see *Crax alberti*.

Curl, Alfred Lawrence.

The Bohemian waxwing in Ohio, '32, 225.

Unusual behavior of female summer tanager, '33, 442.

Curler, Eskimo, see *Phaeopus borealis*.

European, see *Numenius arquatus*.

Hudsonian, see *Phaeopus hudsonicus*.

Long-billed, see *Numenius americanus*.

Northern, see *Numenius occidentalis*.

Stone, see *Burhinus oedicephalus*.

curonicus (Charadrius), see *Charadrius*.

curruca (Sylvia), see *Sylvia*.

currucoides (Sialia), see *Sialia*.

Curry, Haskell Brooks.

Louisiana heron in Centre County, Pennsylvania, '33, 428–429.

cursor (Bathornis), see *Bathornis*.

curtata (Poliophtila), see *Poliophtila*.

Curtis, Elizabeth Long.

Comparative weights of live birds (rev.), '38, 147.

Curtis, Elizabeth L., and **Miller**, R. C.

The sclerotic ring in North American birds, '38, 225–243.

Curtler, Martin [Stuart].

The lark sparrow in Virginia, '33, 366.

curtus (Anser), see *Anser*.

curvirostra (Loxia), see *Loxia*.

— (Treron), see *Treron*.

curvirostre (Toxostoma), see *Toxostoma*.

curvirostris (Nothoprocta), see *Nothoprocta*.

Cushing, John Eldridge, Jr.

The status of the fox sparrow of southwestern Oregon (rev.), '38, 690–691.

Cutler, Herbert Sidney.

Ivory gull in New Jersey, '40, 403–404.

Cutler, Ira Eugene, 1863–1936.

Obituary, '37, 125.

Cutright, Paul Russell.

The great naturalists explore South America (rev.), '40, 426.

cuyensis (Otus), see *Otus*.

cyanea (Aphelocoma), see *A. coerulescens*.

— (Passerina), see *Passerina*.

Cyanerpes cyaneus, *Hond.* '36, 193.—*colors*, '36, 193.

striatipictus, *Mex.* '39, 100.

cyanescens (Halcyon), see *Halcyon*.

cyaneus (Circus), see *Circus*.

— (Cyanerpes), see *Cyanerpes*.

— (Erithacus), see *Erithacus*.

cyanicauda (Psarisomus), see *Psarisomus*.

cyanifrons (Saucerottia), see *Saucerottia*.

cyanirostris (Knipolegus), see *Knipolegus*.

Cyanocephalus, *eye*, '38, 235.

cassini (^bGymnorhinus), *Ariz.* to *Utah*, '36, 469^b.

cyanocephalus (*Piñon Jay, ^bGymnorhinus), *Ariz.* '39, 323; *Kans.* '34, 534; *Mont.* '35, 203; *Okla.* '38, 505; *Rocky Mts.* '36, 469^b.—*wt.* '38, 516; *wing area*, '38, 516; *yn.* '38, 505.

rostratus (^bGymnorhinus), *Calif.* '36, 469^b.

cyanocephalus (Cyanocephalus), see *Cyanocephalus*.

— (Euphagus), see *Euphagus*.

— (Gymnorhinus), see *Cyanocephalus*.

— (Psarocolius), see *Euphagus*.

Cyanocitta, *eye*, '38, 235, 236.

annectens (Black-headed Jay), *Wyo.* '34, 256.—*mig.* '34, 256.

asteca, *Mex.* '40, 239.—*type loc.* '40, 239.

coronata (Blue-crested Jay, ^bstelleri), *Mex.* '40, 237^b, 239.

cristata (*Northern Blue Jay, Blue Jay, ^bbromia), *Ark.* '31, 238; *Ga.* '35, 461; *Ill.* '38, 47; *Ind.* '38, 102^a; *Ia.* '31, 272^a, '34, 253, 538^a; *Kans.* '34, 538^a, '40, 416^a; *Mich.* '34, 23, '40, 430^a; *N. Y.* '32, 352^a, '38, 281^b; *O.* '31, 440, '32, 108^a, 223^a; *Ont.* '39, 16; *Pa.* '38, 679–680^a, '39, 435^a; *Tex.* '39, 104^a.—*behav.* '39, 492^a; *cause of color*, '36, 178–185;

- cowbird host, '38, 47; feather count, '36, 166^a; flight, '33, 315^a; fd. '32, 352^a, '38, 679-680^a; hbt. '31, 440, '32, 108^a, 223^a, '38, 101; mig. '31, 272^a; physiol. '40, 269; pl. '38, 282; plm. '38, 281^b; song, '34, 506^a; tax. '35, 105^b; wt. '31, 574, '38, 281^b, 440, 441, 515, 651-652^a; wing area, '38, 515; misc. '31, 543^a, 544^a, '36, 180^a, 184^a, 313, '37, 5^a, 217^a.
- cyanotephra**, Okla. '35, 176^a.—*descr.*, *dist.*, *meas.*, '35, 176-177.
- diademata** (Long-crested Jay), Ariz. '36, 298, '39, 323.
- florincola** (*Florida Blue Jay), La. '40, 90; N. C. '37, 457; S. C. '34, 537, '36, 313.—*band*, '40, 90; *misc.* '36, 360^a.
- paralia**, tax. '34, 420.
- percontatrix**, Nev. '31, 644.
- stelleri** (*Steller's Jay), Wash. '31, 154^a.—*eye*, '38, 242^a; *misc.* '31, 544^a.
- superciliosa**, tax. '34, 116.
- Cyanocompsa beneplacita**, Mex. '39, 71-72.
- caerulescens** (Costa Rican Blue Grosbeak), Pan. '39, 309-310.—*nid.* '39, 309.
- cyanoides** (Panama Blue Grosbeak), Pan. '35, 327.
- dearborni**, Nic., Yuc., '39, 71-72.
- indigotica** (^bPasserina, *sumichrasti), Mex. '39, 71.—*syn.* '39, 71^b.
- lucida**, Mex. '39, 71-72^a.—*descr.*, *dist.*, *meas.*, '39, 71-72.
- minor** (Venezuelan Blue Grosbeak), Colom. '31, 56.—*hbt.* '31, 53, 54, 56.
- parellina**, Mex. '39, 71-72.
- peruvianus**, Peru, '31, 149.
- Cyanocorax**, tax. '35, 276.
- caeruleus**, tax. '35, 276.
- chrysops**, tax. '35, 276.
- cyanomelas**, tax. '35, 277.
- cyanopogon**, tax. '35, 277.
- dickeyi** (*Tufted Jay), Mex. '35, 275^a, '37, 163, '39, 204^a.—*col. pl.* '35, 274; *descr.* '35, 275.
- diesingi**, tax. '35, 276.
- heilprini**, tax. '35, 276.
- mystacalis**, tax. '35, 277.
- tucumanus**, tax. '35, 277.
- violaceus**, tax. '35, 277.
- zeledoni**, tax. '35, 277.
- Cyanoderma albigula**, Java, '31, 157.
- cyanogenys** (Psilorhinus), see Psilorhinus.
- cyanoides** (Cyanocompsa), see Cyanocompsa.
- Cyanolesbia coelestis** (*Blue Sylph Hummingbird), Ecuad. '40, 133^a.—*behav.* '40, 133^a.
- cyanoleuca** (Grallina), see Grallina.
- (Pygochelidon), see Pygochelidon.
- Cyanoliseus patagonus**, Argent. '37, 219.
- Cyanolyca argentigula**, C. R. '37, 197.
- mirabilis**, Mex. '37, 197.—*plm.* '37, 197.
- nana**, Mex. '37, 197.
- cyanomelas** (Cyanocorax), see Cyanocorax.
- (Rhinopomastus), see Rhinopomastus.
- Cyanomitra**, Afr. '40, 322.
- changamwensis**, misc. '40, 321.
- olivacea**, Afr. '40, 321.—*fledg.*, *incub.*, '40, 321; *tax.* '34, 274.
- puguensis**, Afr. '39, 500.
- cyanonotum** (Conirostrum), see Conirostrum.
- Cyanopica jeholica**, Manchuria, '40, 441.
- kansuensis**, China, '37, 569.
- koreensis**, Manchuria, '40, 441.
- pallescens**, Ussuri-land, '32, 265.
- stegmanni**, Manchuria, '32, 391.
- cyanopis** (Oxypelia), see Oxypelia.
- cyanopogon** (Cyanocorax), see Cyanocorax.
- Cyanops euroa**, Indo-China, '39, 494.
- cyanoptera** (Compsocoma), see Compsocoma.
- (Querquedula), see Querquedula.
- cyanopterus** (Pterophanes), see Pterophanes.
- cyanopygia** (Psittacula), see Forpus.
- cyanopygius** (Forpus), see Forpus.
- Cyanoramphus cooki** (Norfolk Island Parakeet), misc. '34, 429, 430, '40, 275.
- unicolor**, misc. '34, 430.
- Cyanosylvia gaetkei** (*Gaetke's Bluethroat), misc. '35, 486^a.
- suecica** (*Red-spotted Bluethroat, Bluethroat, ^brobusta, ^cLuscinia), Fr. '39, 105, '40, 129^a.—*fd.* '40, 520^{ac}; *hbt.* '37, 568^a; *rac.*, '39, 105; *tax.* '31, 298, '35, 106^b; *misc.* '35, 350^a.
- cyanotephra** (Cyanocitta), see Cyanocitta.
- cyanotis** (Entomyzon), see Entomyzon.
- cyanus** (Monticola), see Monticola.
- (Parus), see Parus.
- Cyclarhis albiventris**, Peru, '31, 149.
- subflavescens**, Pan. '38, 539-540.—*fd.*, *nid.*, *plm.*, '38, 539-540.
- virenticeps**, tax. '35, 213.
- Cygnus**, *nerves*, '37, 365; *misc.* '38, 657.
- bewicki** (*Bewick's Swan), G. Br. '39, 501^a; *Holl.* '39, 493.
- buccinator** (*Trumpeter Swan), Alta. '39, 142; B. C. '38, 297^a, '39, 142, '40, 280^a; *Ida.* '39, 142; *Mont.* '39, 142; *N. M.* '32, 460^a; *Wyo.* '38, 142^a, '39, 142, '40, 280-281^a.—*census*, '40, 134^a, 280-281^a; *egg.*, '40, 55^a; *fd.* '39, 138^a, 142-143; *incub.* '40, 53^a, 55^a, 58^a; *protec.* '36, 71^a, '38, 142^a, '39, 212-213^a, 218^a.

- '40, 280^a; *misc.* '31, 646^a, '34, 265^a, '39, 168^a.
- columbianus* (*Whistling Swan, Swan, ^bOlor), *Antigua*, '39, 304; *Baf. I.* '40, 14^a; *Conn.* '32, 360, '36, 204; *D. C.* '34, 368; *Ga.* '32, 364^b; *Ill.* '33, 371, '35, 101, 302^a; *Kans.* '33, 449; *Md.* '34, 367; *Mass.* '39, 136^a; *Mich.* '37, 201; *N. H.* '38, 271; *N. J.* '32, 213; *N. Y.* '34, 532, '36, 75, '40, 438^a; *Pa.* '32, 234, '33, 92, '34, 368^a; *S. C.* '33, 208^b, '36, 204, '40, 594^a; *Va.* '40, 290^a; *W. Va.* '38, 129.—*destr.* '40, 438^a; *egg.* '40, 55^a; *feather count.* '37, 201–202, '38, 655; *flight.* '33, 92, 314^a; *incub.* '40, 53^a, 55^a, 58^a; *voice.* '36, 204; *wt.* '38, 517, 655; *wing area.* '38, 512^a, 517.
- csákvárensis*, *fos.* '34, 262.
- cygnus* (*Whooper Swan), *G. Br.* '39, 501^a; *Ice.* '38, 576–577^a.—*dist.* '33, 201.
- dauidi* (*David's Swan), *China, Sib.*, '38, 292^a.
- islandicus*, *Greenl.* '33, 135.—*dist.* '33, 201.
- Cymodroma*, *nomen.* '38, 305.
- Cynanthus latirostris* (*Broad-billed Hummingbird), *Ariz.* '39, 161, 313–319; *Mex.* '39, 313–319, 444–445^a; *N. M.* '39, 161; *Tex.* '35, 325.—*fd.* '39, 161–162; *meas.* '39, 314; *nest.* '35, 325; *tax.* '39, 313–319.
- magicus*, *Ariz.* '39, 313–319; *Mex.* '39, 313–319.—*behav.*, *dist.*, *fd.*, *meas.*, *mlt.*, *nid.*, *tax.*, '39, 313–319.
- propinquus*, *Mex.* '39, 313.
- Cyornis*, *tax.* '36, 471.
- albiventer*, *Sumatra*, '34, 278.
- longipennis*, *Java*, '31, 459.
- rufigastra*, *tax.* '36, 471.
- sanfordi*, *Celebes*, '31, 640.
- tickelliae*, *tax.* '36, 471.
- vernayi*, *India*, '32, 510.
- cyornithopsis* (Sheppardia), see *Sheppardia*.
- Cyphorhinus infuscatus*, *C. R.* '33, 250.
- lawrencii* (Musician Wren), *tax.* '33, 250.
- cyprinus* (Corvus), see *Corvus*.
- (Otus), see *Otus*.
- Cyprus*.
- Orlando, *C.*, '40, 274 (rev.).
- Payn, *W. A.*, '40, 130 (rev.).
- Cypseli*, *tax.* '39, 357.
- Cypselidae*, *ost.* '35, 360.
- Cypseloides affinis* (^bCypselus), *nomen.* '33, 254, 254^b.
- fumigatus*, *Pan.* '39, 83.—*meas.*, *plm.*, '39, 83.
- major*, *Argent.* '32, 510, '39, 83.—*meas.*, *plm.*, '39, 83.
- Cypsiurus batasiensis* (*Bengal Palm Swift), *India*, '37, 419^a.—*nest.* '37, 419^a.
- Cyrtonyx cooki*, *Nebr.*, *fos.*, '34, 272.
- monterumae* (Montezuma Quail), *Mex.* '35, 422.—*misc.* '37, 193.
- ocellatus*, *tax.* '37, 193.
- sallei*, *Mex.* '37, 193.—*tax.* '37, 193.
- Cyrstostomus jugularis* (Yellow-headed Sunbird), *P. I.* '38, 221.—*hbt.*, *nid.*, '38, 221–222.

D

- Dabbene*, Roberto, 1864–1938.
- Notas sobre las especies Argentinas del genero "Phrygilus" (rev.), '34, 114.
- Obituary, '40, 148.
- Dabchick, see *Colymbus ruficollis* and *C. rufopectus*.
- Dacelo gigas* (*Kookaburra), *voice.* '39, 108^a.
- Dacnis cayana*, *myol.* '38, 646–648.
- dacrysistactus* (Otus), see *Otus*.
- dactylatra* (Sula), see *Sula*.
- Dactylortyx taylori*, *Sal.* '33, 143.
- thoracicus*, *tax.* '33, 143.
- Dafila acuta* (*European Pintail, ^bAnas), *Jap.* '36, 115; *Spitsbergen*, '39, 497^a; *Switz.* '35, 350^b.—*mig.* '35, 350^b, '38, 698^a.
- bahamensis* (*Bahama Pintail, Bahama Duck, ^bAnas), *Antigua*, '34, 356; *Cuba*, '40, 412; *Dom. Rep.* '34, 501–502; *Fla.* '39, 472; *Haiti*, '34, 501; *P. R.* '36, 351; *V. I.* '38, 553; *Va.* '39, 471–472; *Wisc.* '39, 472.—*fd.* '34, 501; *hyb.* '39, 472; *nest.* '34, 356; *plm.* '32, 214^b; *tax.* '32, 214^b.
- spinicauda* (Brown Pintail), *Engl.* '34, 406; *S. Am.* '39, 472.—*hyb.* '39, 472.
- tzitzihua* (*American Pintail, Pintail, ^bacuta), *Antigua*, '34, 356; *Ark.* '31, 236; *Calif.* '38, 581^a; *Conn. Val.* '32, 361; *Ill.* '35, 464; *Ia.* '37, 534, '39, 36; *Ky.* '39, 471^a; *La.* '34, 328–337, '36, 439, '40, 91, 408–409; *Me.* '33, 353; *Man.* '32, 169^a, 367^a; *Mass.* '31, 101, '32, 441–444^a, '34, 226^a; *Mex.* '35, 251, 424^a; *Minn.* '40, 514; *Mont.* '32, 461; *N. B.* '39, 471; *Pa.* '35, 198; *S. Am.* '40, 426^a; *V. I.* '38, 553; *Va.* '39, 471–472^b; *W. Va.* '38, 130^b; *Wisc.* '35, 101^a.—*band.* '34, 328–337, '40, 91; *egg.* '40, 56^a; *flight.* '33, 313^a; *incub.* '40, 56^a, 58^a; *paras.* '40, 514, 516; *sex ratio.* '34, 332, '40, 91; *wt.* '38, 517; *wing area.* '38, 517; *misc.* '39, 152^a, 491^a.
- da Fonseca*, Secundino, and *Zotta*, A. see *Zotta* and *da Fonseca*.
- daggetti* (Sphyrapicus), see *Sphyrapicus*.

- Daguerre**, Juan B.
Sobre nidificación de aves de la Prov. de Buenos Aires (rev.), '37, 219.
- Dale**, Edgar Melville Searle, and **Saunders**, W. E.
see Saunders and Dale.
- Dalke**, P. L.
[On food habits of pheasants in Michigan] (rev.), '37, 561.
- Dalmas**, Raymond, Comte de, 1862-1930.
Obituary, '31, 163.
- Daly**, Stephen, **McDonald**, N. J., and **Gillespie**, J. A.
see McDonald, Daly, and Gillespie.
- Dambach**, Charles Arthur, and **Hicks**, L. E.
see Hicks and Dambach.
- Damophila panamensis** (Panama Hummingbird), *Pan.* '35, 327.
- dananus* (Buteo), see Buteo.
— (Geranoaëtus), see Buteo.
- Danforth**, Charles Haskell.
An experimental study of plumage in Reeves pheasants (rev.), '38, 147.
Some feeding habits of the red-breasted sapsucker (rev.), '39, 101.
- Danforth**, C. H., and **Price**, J. B.
Failure of theelin and thyroxin to affect plumage and eye-color of the blackbird (rev.), '35, 240.
- Danforth**, C. H., and **Sandues**, G.
Behavior of genes in intergeneric crosses (rev.), '40, 270.
- Danforth**, Stuart Taylor, 1900-1938.
Bird records from the Virgin Islands (rev.), '31, 147.
Puerto Rican ornithological records (rev.), '31, 305.
The dwarf cowbird (*Molothrus bonariensis minimus*) in St. Lucia, '32, 96-97.
The black swift (*Nephoecetes niger niger*) in St. Croix, '34, 84.
Some West Indian records of *Charadriiformes*, '34, 103.
Oyster-catcher and western sandpiper in the British Virgin Islands, '34, 233.
A new clapper rail from Antigua, British West Indies (rev.), '34, 268, '35, 120.
The birds of Antigua, '34, 350-364.
Leach's petrel in the West Indies, '35, 74.
The birds of Saint Lucia (rev.), '35, 475-476.
The ruff in Grenada, B. W. I., '36, 80.
A bird new to the West Indian avifauna, '36, 82.
A West Indian record for the bay-breasted warbler, '36, 89-90.

- Scarlet tanager in St. Lucia, '36, 90.
New records for Mona Island, West Indies, '36, 100.
[On West Indian birds] (rev.), '36, 241.
Invasion of glossy ibises in Puerto Rico, '36, 323.
The birds of St. Kitts and Nevis (rev.), '37, 108.
Los pájaros de Puerto Rico (rev.), '37, 558.
Key West quail-dove in Puerto Rico, '38, 124-125.
American coot in Puerto Rico, '38, 528.
Recent occurrence of the flamingo in Puerto Rico, '38, 667.
Gray-breasted tree duck in Puerto Rico, '38, 668.
A revision of the West Indian races of *Loxigilla noctis* (Linnaeus) (rev.), '38, 691.
The races of *Oreopeleia mystacea* (Temminck) (rev.), '38, 691.
Observations on some Barbadian birds (rev.), '39, 101.
Supplement to 'The birds of Antigua,' '39, 304-305.
Obituary, '39, 304, 362, '40, 148.
- Daniel**, Bertha.
Prairie horned lark breeding at Naruna, Virginia, '34, 524.
danielli (Aegypius), see Aegypius.
danisa (Sicalis), see Sicalis.
dankali (Fringillaria), see Fringillaria.
— (*Gymnoris*), see *Gymnoris*.
daphanea (Aquila), see Aquila.
- Daphoenositta**, *tax.* '36, 306-310.
frontalis, *N. Guinea*, '36, 306, 309.
miranda, *N. Guinea*, '36, 306-309.—
dist., *hbt.*, *meas.*, *plm.*, '36, 307-308.
- Daphoenosittinae**, *charac. tax.*, '36, 309.
- Daption**, *hbt.* '37, 416.
capense (*Pintado Petrel, Cape Pigeon), *Antarctic*, '37, 151; *Atlantic*, '39, 326; *N. Z.* '34, 489; *S. Orkneys*, '36, 460a.—*hbt.* '36, 460a; *misc.* '37, 148.
darienensis (*Deconychura*), see *Deconychura*.
- Darling**, F. Fraser.
Bird flocks and the breeding cycle (rev.), '38, 684-685.
- Darling**, Jay Norwood.
Our migratory waterfowl (rev.), '35, 344.
[Resignation as Chief of Biological Survey], '36, 130.
- Darlington**, Philip Jackson, Jr.
Notes on the birds of Rio Frio (near Santa Marta), Colombia (rev.), '31, 460.
The origin of the fauna of the Greater Antilles, with discussion of dispersal

- over water and through the air (rev.), '39, 354.
- darnaudi (Trachyphonus), see Trachyphonus.
- dartfordiensis (Sylvia), see Sylvia.
- Dasornis, *tax.* '34, 261.
- Dasycellus, *tax.* '35, 219.
- dauuricus (Coloeus), see Coloeus.
- Davenport, Elizabeth Braxton, 1845-1934.
- Obituary, '35, 66, 355.
- davidi (Cygnus), see Cygnus.
- (Garrulax), see Pterorhinus.
- (Pterorhinus), see Pterorhinus.
- Davidson, (Mrs.) Mary Ella McLellan.
- New birds from Chiriqui Province, Panama (rev.), '33, 139.
- Specimens of the Philippine monkey-eating eagle (Pitheophaga jefferyi), '34, 338-342.
- Eggs of Megapodius pritchardi from Ninafou Island, Tongan group, '36, 77-78.
- A note on the collecting of W. W. Brown, Jr., in Chiriqui, '36, 232-233.
- Davis, David Edward.
- Carolina wren in Michigan, '31, 276-277.
- A cycle in northern shrike emigrations, '37, 43-49.
- Social nesting habits of the smooth-billed ani, '40, 179-218.
- Social nesting habits of Guira guira, '40, 472-484.
- Immature smooth-billed ani in Florida in 1897, '40, 571.
- Davis, Henry Wasson, 1867-1932.
- Obituary, '34, 70.
- Davis, Malcolm.
- Rearing young nighthawks, '31, 270.
- Magpie breeding in captivity, '31, 604.
- Food carrying by the crested starling, '35, 91.
- Color changes in the head of the single-wattled cassowary (Casuarus uniappendiculatus occipitalis), '35, 178.
- Feeding of the American woodcock (Philohela minor), '35, 446-447.
- A peculiar albinistic starling, '36, 449.
- Partial nidification of the flightless cormorant, '38, 596-597.
- Davis, M., and Friedmann, H.
- see Friedmann and Davis.
- Davis, Reuben Nelson, 1858-1934.
- Obituary, '34, 288-289, '35, 66.
- Davis, William B.
- Hosts of the cowbird, Molothrus ater obscurus, '38, 546.
- Baird's sandpiper in Texas, '38, 671.
- Birds of Brazos County, Texas (rev.), '40, 270.
- Davisona, *nomen.* '35, 125.
- dawsoni (Leucosticte), see Leucosticte.
- Deaderick, William Heiskell.
- Some notes from Arkansas, '35, 324.
- Some notes from Arkansas, '36, 349-350.
- Some notes from Arkansas, '36, 455-456.
- Willet in Arkansas, '37, 204.
- Notes from Arkansas, '38, 285-286.
- A preliminary list of the birds of Hot Springs National Park and vicinity (rev.), '39, 354.
- [Obituary of] Louise McGowan Stephenson, '40, 446-448.
- Deakin, Alan.
- Natural hybridization and genetics of flickers (Colaptes) (rev.), '37, 219.
- Deane, George Clement, 1854-1930.
- Obituary, '31, 86.
- Deane, Ruthven, 1851-1934.
- Abundance of the passenger pigeon in Pennsylvania in 1850, '31, 264-265.
- American egret and little blue heron at Scarborough, Maine, '31, 422-423.
- Obituary, '34, 282, '35, 66.
- The Deane Collection [of portraits of ornithologists], '34, 436-437, '35, 356.
- In memoriam, '35, 1-14, por.
- Ruthven Deane fund for Auk publication, '36, 58.
- Deane, Walter, 1848-1930.
- Obituary, '31, 85.
- Dear, Lionel Sextus.
- American woodcock in Thunder Bay district, Ontario, '38, 671.
- Bonaparte's gull breeding in Ontario, '39, 186.
- dearborni (Cyanocompsa), see Cyanocompsa.
- Deautier, Enrique A., and Steullet, A. B.
- see Steullet and Deautier.
- De Beaux, Oscar.
- Il primo fringillide nordamericano (Passerella iliaca iliaca, Merr.) catturato in Italia (rev.), '39, 354.
- De Beer, G. R.
- The development of the vertebrate skull (rev.), '38, 566.
- Debes, Victor Albert.
- Coots breeding on the Delaware marshes below Philadelphia, '34, 230-231.
- debooyi (Nesotrochis), see Nesotrochis.
- decaocto (Streptopelia), see S. risoria.
- deceptis (Fregetta), see Fregetta.
- decipiens (Streptopelia), see Streptopelia.
- deckeni (Lophoceros), see Lophoceros.
- Decker, Frank Russel, and Bowles, J. H.
- see Bowles and Decker.
- decolor (Crypturellus), see Crypturellus.

- Deconychura darienensis**, *Pan.* '33, 304.
decora (Dendroica), see Dendroica.
decussatus (Otus), see Otus.
dedemi (Picus), see Picus.
- De Garis**, Charles Francis.
 Notes on six nests of the Kentucky warbler (*Oporornis formosus*), '36, 418-428.
- deglandi* (Melanitta), see Melanitta.
 — (*Oidemia*), see Melanitta.
- Deignan**, Herbert Girton.
 Notes on some Canal Zone birds, '33, 125.
 The jabiru (*Jabiru mycteria*) in western Guatemala, '33, 429.
 Short notes on some New Zealand birds, '34, 487-492.
 [Personal mention], '35, 225.
 Notes on a small collection of birds from the Republic of Honduras, '36, 186-193.
 A revised hand-list of the birds of the Chiangmai region (rev.), '37, 407.
 Some observations on bird-life of the middle Me Ping (rev.), '37, 407.
 Two new birds from the kingdom of Siam, '38, 509-510.
 A new race of *Yuhina flavicollis* from the mountains of North Siam (rev.), '38, 570.
 A new *Myiophonus* from North Siam (rev.), '38, 570.
 A review of the southern (melanostigma) group of the red-headed laughing-thrush, *Garrulax erythrocephalus* (Vigors), with descriptions of two new races from Siam (rev.), '38, 691.
 A new flower-pecker from the Malay Peninsula (rev.), '38, 691.
 A new subspecies of the European nuthatch from North Siam (rev.), '39, 101.
 A new nuthatch from Yunnan (rev.), '39, 201.
 Plumage change in wild Siamese hunting crows (rev.), '39, 201.
 Occurrence of certain birds of the Southern Ocean in the tropical Atlantic, '39, 326-327.
Turdus aureus angustirostris Gyldenstolpe and *Oreocincla horsfieldi affinis* Richmond (rev.), '39, 354.
 The pygmy woodpeckers (*Dryobates nanus* subsp.) of Siam (rev.), '39, 354.
 Two new races of birds from the Indo-Chinese sub-region (rev.), '39, 494.
 Three new birds of the genus *Stachyris* (rev.), '40, 126.
- Deignan**, H. G., and **Friedmann**, H.
 see Friedmann and Deignan.
- Delacour**, Jean Theodore.
 A check-list of the birds of Russia (notice), '33, 264.
 A note on the classification of the Anatidae (rev.), '36, 475.
 Le faisan scintillant, *Graphiphasianus scintillans* (Gould) (rev.), '37, 108.
 Une curieuse habitude de la grue du Mexique (rev.), '37, 108.
 Les collections ornithologiques de Clères (rev.), '39, 101.
 The first nesting in captivity of the Australian sheld-duck (*Casarca tadornoides*) (rev.), '39, 494.
 The crested or Rheinart's argus (*Rheinardia ocellata*) (rev.), '40, 126.
 Sunbirds (rev.), '40, 431.
- Delacour**, J. T., and **Greenway**, J. C., Jr.
 Seven new races from Indo-China (rev.), '39, 494.
 [On birds of Indo-China] (rev.), '40, 428-429.
- Delacour**, J. T., and **Jabouille**, P.
 Oiseaux des Isles Paracels (rev.), '31, 629.
 Les oiseaux de l'Indochine Française (rev.), '32, 250-251.
- Delacour**, J. T., et al.
 Aviculture (rev.), '37, 557-558.
delacouri (Alcippe), see Alcippe.
 — (*Anas*), see *Nelition punctata*.
 — (*Sitta*), see *Sitta*.
- Delamain**, Jacques, and **Delamain**, Maurice.
 Le tambourinage des pics (rev.), '37, 561.
- delandi* (Vinago), see Vinago.
- Delapchier**, L.
 Petit atlas des oiseaux, 1 (rev.), '40, 585-586.
- Delaware**.
 Brown, J. W., '34, 227-228, 242-243.
 Buckalew, H., '33, 206, '34, 384.
 Burleigh, T. D., '35, 317-318.
 Cottam, C., '34, 376, '35, 436, '37, 382.
 Knappen, Phoebe, '33, 99-100.
 McClanahan, R. C., '38, 271.
 Murphy, R. C., and Vogt, W., '33, 331.
 Stone, W., '31, 416 (unsigned).
 Tatum, J. W., '34, 508.
- Delaware Valley Ornithological Club**.
 [Forty-first annual meeting], '31, 333.
 [Forty-third annual meeting], '32, 278.
 [Annual meeting], '33, 264.
 [Forty-fifth annual meeting], '35, 357.
- delawarensis* (Larus), see *Larus*.
delicata (Capella), see Capella.
 — (*Gallinago*), see Capella.
- Delichon**, see *Chelidonaria*.
deluzae (Formicivora), see *Formicivora*.

Demandt, C.

Beobachtungen an einem westdeutsch-
en Wanderfalkenhorst (rev.), '37, 561.

De May, Ida Sidsel.

A study of the pterylosis and pneuma-
ticity of the screamer (rev.), '40, 431.

Dementiev, Georges.

Contributions to the ornithology of
Russia (rev.), '32, 512.

Systema avium Rossicarum (rev.),
Accipitres, '34, 122; Striges-Passerres,
'36, 106-107.

On the palaearctic forms of the grey
plover (*Squatarola squatarola* (L.))
(rev.), '39, 494.

Remarques sur la variabilité géo-
graphique de pic noir *Dryocopus*
martius L., dans la région paléarctique
orientale (rev.), '40, 126.

Dementiev, G., and Ptushenko, E.

On the status of the Caucasian magpie,
with some remarks on the zooge-
ography of Caucasus (rev.), '40, 126.

Demeritt, William W.

Agelaius humeralis a new bird for
North America, '36, 453.

demersus (*Spheniscus*), see *Spheniscus*.**Demigretta gularis** (*Egretta*), *Afr.* '36,
249^b.

sacra (*Egretta*), *Egretta*, *Egretta*, *Egretta*,
N. Z. '34, 491.—*tax.* '33, 206^{bc}.

Dendragapus, *ying.* '38, 589-595.

flemingi (*Fleming's Grouse*), *B. C.*
'38, 590.—*tax.* '34, 540, '38, 590; *ying.*
'38, 590.

fuliginosus (*Sooty Grouse*), *B. C.*
'38, 593; *Calif.* '38, 589, 593, 594; *Ore.*
'38, 593; *Wash.* '38, 592.—*fd.* '40, 109^a;
pl. '38, 589; *tax.* '34, 540; *wt.* '38, 589;
ying. '38, 589-595.

howardi (*Mount Pinos Grouse*),
Calif. '38, 589, 593.—*pl., wt., ying.,* '38,
589-594.

obscurus (*Dusky Grouse*), *Ariz.* '37,
203; *Colo.* '38, 589; *Nev.* '38, 592; *N. M.*
'37, 204; *Utah,* '38, 592.—*behav.*
'37, 204; *pl.* '38, 589; *ying.* '38, 589-594.

pallidus, *Ore.* '31, 644, '38, 590.—
dist. '38, 590; *misc.* '34, 540, '38, 592.

richardsoni (*Richardson's Grouse*),
Alla. '38, 592; *B. C.* '38, 589, 590, 592.
—*fd.* '40, 109^a; *pl.* '38, 589; *tax.* '34,
540; *ying.* '38, 589.

sierrae (*Sierra Grouse*), *Calif.* '38,
589, 591, 594.—*pl., wt., ying.,* '38, 589-
594.

sitkensis (*Sitka Grouse*), *Alas.* '38,
589.—*pl., ying.,* '38, 589-594.

Dendrocincia anabatina, *Hond.* '36, 191.

—*colors*, '36, 191.

lafresnayi (*Brown Dendrocincia*),
Pan. '34, 9.

Dendrocitta sarkari, *India*, '31, 312.

vernayi, *India*, '31, 312.

Dendrocolaptes sancti-thomae (*Barred Woodhewer*), *Pan.* '34, 9.**Dendrocolaptidae**, *Peru*, '36, 471.**Dendrocopus leuconotus** (*White-backed Woodpecker*), *hbt.* '38, 301-302^a.

major (*Great Spotted Woodpecker*),
Germ. '37, 226, 568^a, '38, 156^a.—*hbt.*
'37, 226, 561^a, 568^a, '38, 156^a, '39, 196^a;
incub. '37, 568^a, '38, 156^a; *misc.* '38,
693^a.

minor (*Small Spotted Woodpecker*),
misc. '38, 693^a.

pinetorum (*Greater Spotted Wood-
pecker*), *fd.* '38, 684^a; *misc.* '38, 308^a.

Dendrocygna, '35, 360.

arborea (*West Indian Tree-duck*),
Antigua, '34, 356; *Dom. Rep.* '34, 501;
Haiti, '34, 501; *P. R.* '38, 53.—*nest*,
'34, 356.

autumnalis (*Black-bellied Tree-
duck*), *Ill.* '31, 258; *P. R.* '38, 53.—
misc. '38, 668.

bicolor (*Fulvous Tree-duck*, *bfulva*),
Pan. '36, 457; *Venez.* '35, 329.—
incub. '40, 317^b.

discolor (*Gray-breasted Tree-duck*),
P. R. '38, 668; *Venez.* '35, 329.—*wt.*
'38, 668.

helva (*Fulvous Tree-duck*, *bicolor*),
Fla. '40, 563; *Ill.* '31, 258^b; *Mo.* '35,
444; *Tex.* '32, 343.—*dist.* '32, 343;
note, '40, 563.

viduata (*White-faced Tree-duck*),
Afr. '40, 317; *C. R.* '33, 298; *Venez.*
'35, 329.—*incub.* '40, 317.

Dendroica, *field charac.* '36, 285-287;
song, '38, 485.

aestiva (*Eastern Yellow Warbler*,
Yellow Warbler), *Ala.* '38, 282;
Dutch Guiana, '37, 234; *Great Lakes*,
'32, 235^a; *Ill.* '38, 541; *Ia.* '39, 36;
Mass. '37, 395-396; *N. F.* '36, 344;
N. C. '37, 458; *N. S.* '38, 549^a; *O.* '31,
371, '34, 386^a; *Ont.* '39, 16; *Pan.* '31,
121^a, '35, 327; *Que.* '31, 243^a, '37, 38;
W. Va. '33, 222^a.—*cowbird host*, '34,
386^a; *egg*, '40, 47^a, 57^a; *hbt.* '33, 222^a,
'34, 189, '36, 367, 480^a, 481, '40, 177,
178; *incub.* '40, 57^a, 59^a; *mig.* '39, 16;
nest, '31, 243^a; *note*, '37, 396; *pl.* '34,
196; *song*, '35, 40-52^a, '38, 267^a, 486^a;
wt. '38, 443; *misc.* '36, 356^a.

albiflora (*Sycamore Warbler*), *Ala.*
'35, 99, '38, 283^a; *Mass.* '37, 210-211;
Okla. '38, 506; *S. C.* '36, 314; *Va.* '33,
197; *W. Va.* '32, 226.

amnicola, *misc.* '36, 104.

auduboni (*Audubon's Warbler), *Calif.* '35, 429; *Mex.* '35, 256; *O.* '31, 435; *Okla.* '36, 434; *Tex.* '38, 134; *Utah*, '38, 300^a, 303^a.—*dist.* '35, 429; *fd.* '38, 303^a; *hyb.* '34, 243, '38, 304^a; *note*, '36, 285^a.

bartholemica (Golden Warbler), *Antigua*, '34, 363, '38, 146; *Montserrat*, '39, 194.—*fd.* '34, 363; *nest*, '38, 146.

brewsteri (California Yellow Warbler, Western Yellow Warbler, ^b*morcomi*), *Calif.* '35, 429.—*dist.* '35, 428; *hbt.* '31, 59^b, 64^b.

caerulescens (*Black-throated Blue Warbler), *Ala.* '38, 283^a; *Conn.* '34, 526^a; *D. C.* '38, 679^a; *N. H.* '31, 512-522; *N. Y.* '31, 278^a; *O.* '37, 326; *V. I.* '39, 193; *W. Va.* '33, 223^a.—*blood*, '37, 518; *destr.* '38, 679^a; *feather count*, '36, 164^a, 167^a; *fig.* '31, 514; *hbt.* '33, 223^a, '40, 177, 178; *life hist.* '31, 512-522; *nest*, '34, 526^a; *note*, '38, 615^a; *pl.* '31, 512, 520; *wt.* '37, 326, '38, 514; *wing area*, '38, 514; *misc.* '36, 285^a.

cairnsi (*Cairns's Warbler), *Ga.* '31, 616; *S. C.* '36, 314; *Va.* '33, 200; *W. Va.* '34, 395^a.

capitalis (Barbados Yellow Warbler), *hbt.* '31, 58.

castanea (*Bay-breasted Warbler), *Ala.* '38, 283^a; *Ark.* '35, 314; *D. C.* '38, 679^a; *Me.* '37, 308^a, 429-439, '38, 567^a; *N. H.* '37, 429; *N. Y.* '35, 197^a; *N. C.* '34, 397; *Okla.* '36, 432^a, 434; *Ont.* '39, 16, 24^a; *Pan.* '31, 121^a; *St. Croix*, '36, 89.—*behav.* '37, 435; *destr.* '38, 679^a; *dist.* '35, 122; *feather count*, '36, 168^a; *hbt.* '36, 480^a, '40, 177, 178; *hyb.* '34, 243; *mid.* '39, 16, 24^a; *nid.* '37, 429-439; *pl.* '37, 429, 436; *song*, '34, 505^a; *wt.* '38, 444.

cerulea (*Cerulean Warbler, ^b*caerulea*), *Ala.* '38, 283^a; *Ill.* '38, 541; *Kans.* '33, 450; *Md.* '32, 362; *Mass.* '32, 355^a, '34, 391; *N. D.* '32, 226^b; *O.* '37, 326; *Ont.* '31, 64, '39, 16; *S. C.* '36, 314; *Tex.* '38, 134.—*hbt.* '31, 64; *mid.* '39, 16; *nid.* '40, 587^a; *wt.* '37, 326.

collinsi (*Florida Prairie Warbler), *Fla.* '31, 437-438, '36, 479^a.—*hbt.* '36, 479^a.

coronata (*Myrtle Warbler), *Ala.* '38, 283^a; *Antigua*, '39, 305; *Ark.* '31, 236; *Atlantic*, '31, 133; *Fla.* '40, 405-406^a; *Labr.* '37, 38; *La.* '40, 408, 409; *Mass.* '36, 89; *Mex.* '40, 236, 241; *N. F.* '36, 344; *N. J.* '37, 548; *N. Y.* '33, 117, '35, 97, '38, 304^a, '40, 431^a; *N. C.* '37, 458; *O.* '37, 326; *Ont.* '38, 48, '39, 16, 24^a; *Pan.* '31, 121^a; *V. I.* '36, 457, '39, 193; *Wisc.* '38, 304^a.—*blood*, '37, 518;

cowbird host, '38, 46, 48; *destr.* '40, 405-406^a; *feather count*, '36, 165^a, 167^a; *fd.* '40, 405^a, 431^a; *hyb.* '34, 243, '38, 304^a; *mid.* '39, 16, 18^a, 24^a; *nest*, '36, 89; *song*, '34, 505^a, '36, 285^a; *wt.* '31, 574, '37, 38, 326, '38, 433, 443, 514; *wing area*, '38, 514; *misc.* '36, 434, '38, 165^a, 171^a.

decora, *Br. Hond.* '40, 547-548.—*meas.* '40, 548.

discolor (*Northern Prairie Warbler, Prairie Warbler), *Antigua*, '34, 363; *Conn. Val.* '32, 493; *Me.* '35, 460, '38, 551; *N. Y.* '36, 450, '40, 430^a; *N. C.* '33, 233, '36, 458; *O.* '34, 386^a, '36, 228^a, 229; *Ont.* '36, 58^a; *Va.* '37, 461.—*blood*, '37, 518; *cowbird host*, '34, 386^a; *misc.* '36, 63^a.

dominica (*Yellow-throated Warbler), *Ala.* '33, 370; *Fla.* '36, 478^a; *N. C.* '37, 458; *S. C.* '36, 314.—*blood*, '37, 516^a, 518; *hbt.* '36, 478^a; *song*, '38, 483^a, 486^a; *misc.* '37, 211^a, '40, 433^a.

fusca (*Blackburnian Warbler), *Ala.* '38, 283^a; *Ark.* '35, 324; *D. C.* '38, 679^a; *Fla.* '34, 400; *Ga.* '31, 616^a; *Kans.* '33, 450; *Mass.* '32, 92; *N. Y.* '31, 278^a, '35, 197^a; *O.* '37, 326; *Ont.* '39, 16, 18^a, 341; *Pan.* '31, 121^a; *W. Va.* '34, 395^a.—*blood*, '37, 518; *destr.* '38, 679^a; *feather count*, '36, 168^a; *hbt.* '32, 92; *mid.* '39, 16; *nest*, '32, 92; *song*, '32, 93, '34, 505^a, '38, 266-267^a, 486^a; *wt.* '37, 326, '38, 444; *misc.* '36, 287^a.

graciae (Grace's Warbler), *Ariz.* '31, 64, '39, 324, '40, 547, 548; *Mex.* '40, 236, 241, 548; *N. M.* '40, 548.—*hbt.* '31, 59, 60, 64; *meas.* '40, 548; *misc.* '35, 484.

guadeloupensis, *W. I.* '31, 305.

halsei, *Ariz.* '31, 295.

hooveri, *nomen.* '38, 165; *type*, '38, 166.

hypochrysea (*Yellow Palm Warbler), *Fla.* '31, 246^a, 247, 254; *Me.* '37, 308^a; *N. Y.* '35, 197; *N. C.* '33, 232; *O.* '36, 90.—*feather count*, '36, 168^a; *misc.* '36, 89, '37, 543-544^a.

kirtlandi (*Kirtland's Warbler, Jack-pine Warbler), *Mich.* '31, 276^a, '38, 481-491, '39, 480-481; *Ont.* '40, 272^a.—*dist.* '39, 245^a; *hbt.* '31, 276^a, '38, 481-490; *nomen.* '40, 277^a; *song*, '38, 481-491.

magnolia (*Magnolia Warbler), *Ala.* '38, 282^a; *D. C.* '33, 451, '38, 679^a; *Fla.* '34, 97; *Me.* '37, 431^a; *Mass.* '32, 493; *N. B.* '37, 307^a; *N. Y.* '31, 278^a; *O.* '37, 326; *Okla.* '36, 432^a, 434; *Ont.* '39, 16, 18^a, 24^a; *Pan.* '31, 121^a; *Que.* '31, 243^a; *S. C.* '33, 117; *W. Va.* '34, 395^a.—*behav.* '39, 206^a; *blood*, '37, 518;

destr. '38, 679^a; *feather count*, '36, 163^a, 164^a, 167^a; *fd.* '33, 451; *hbt.* '36, 480^a; *mig.* '39, 16, 24^a; *song*, '38, 487^a; *wt.* '37, 326, '38, 514; *wing area*, '38, 514; *misc.* '39, 348^a.

nigrescens (Black-throated Gray Warbler), *Ariz.* '39, 324.

occidentalis (Hermit Warbler), *Mex.* '40, 236, 241; *Minn.* '31, 435.

ornata, *Mex.* '40, 547-548^a.—*descr.*, *meas.*, '40, 547-548.

palmarum (*Western Palm Warbler, Palm Warbler), *Ala.* '38, 283^a; *Atlantic*, '31, 133, 134; *Bermuda*, '37, 543, '38, 689^a; *Kans.* '35, 466; *Mass.* '33, 364; *Mich.* '31, 614; *N. H.* '31, 616, '34, 391, '36, 94; *N. C.* '36, 227; *Ont.* '39, 18; *Va.* '33, 198; *W. Va.* '36, 89, '38, 677; *Wyo.* '34, 256.—*mig.* '34, 256.

palmarum subsp. (*Palm Warbler), *D. C.* '38, 679^a.—*destr.* '38, 679^a.

pennsylvanica (*Chestnut-sided Warbler), *Ala.* '38, 283^a; *D. C.* '38, 679^a; *Ga.* '31, 616; *N. J.* '33, 229; *N. Y.* '35, 197^a; *N. C.* '32, 105; *O.* '34, 386^a; *Okla.* '38, 506; *Ont.* '39, 16; *Pan.* '31, 121^a; *Pa.* '31, 613^a.—*cowbird host*, '34, 386^a; *destr.* '38, 679^a; *feather count*, '36, 162^a, 168^a; *hbt.* '36, 126^a; *mig.* '39, 16; *nest*, '31, 613^a, '33, 229; *song*, '35, 40-52^a, '38, 267^a, 486^a, 619-621^a; *wt.* '38, 444, 514; *wing area*, '38, 514; *misc.* '36, 287^a.

petechia, *tax.* '36, 104.

pinus (*Northern Pine Warbler, Pine Warbler, ^bvigors), *Ark.* '31, 239^b; *Atlantic*, '31, 134^b; *Fla.* '36, 478^a; *Ill.* '33, 372; *La.* '34, 399; *Md.* '38, 542-543; *Mass.* '37, 542; *N. Y.* '33, 117; *O.* '36, 228^a, '37, 326; *Okla.* '38, 282; *Ont.* '38, 48; *Va.* '40, 422-423.—*blood*, '37, 518; *cowbird host*, '38, 48, 543; *feather count*, '36, 168^a; *hbt.* '36, 478^a, '40, 177, 178; *nest*, '38, 542-543; *note*, '38, 543; *pl.* '38, 282; *song*, '38, 267^a; *wt.* '37, 326.

potomac, *W. Va.* '40, 433.—*charac.* '40, 433.

remota, *Nic.* '35, 484.

rhizophorae, *Mex.* '35, 480.

rubiginosa (Alaska Yellow Warbler), *Kans.* '35, 314, 466; *S. C.* '34, 251.—*tax.* '35, 481.

ruficapilla, *misc.* '39, 194.

sonorana (Sonora Yellow Warbler), *Kans.* '36, 219-220.

striata (*Black-poll Warbler, ^bMuscicapa, ^bbreviunguis), *Ala.* '38, 283^a; *Antigua*, '39, 305; *Ark.* '35, 324; *D. C.* '38, 679^a; *Labr.* '31, 129^a, '37, 38; *N. F.* '36, 344; *Ont.* '39, 16, 24^a; *Que.* '31,

243^a; *Wyo.* '34, 256.—*destr.* '38, 679^a; *dist.* '35, 123; *feather count*, '36, 168^a; *hyb.* '34, 243; *mig.* '34, 256, '39, 16, 24^a; *nest*, '31, 243^a; *nomen.* '36, 104^b, '38, 159; *song*, '34, 505^a, '38, 265-267^a; *wt.* '37, 38, '38, 444; *misc.* '35, 457^b.

tigrina (*Cape May Warbler), *Ala.* '38, 282-283^a; *D. C.* '38, 679^a; *Labr.* '31, 129^a, '38, 304^a; *Me.* '37, 306-308, '38, 551, 567^a; *Montserrat*, '39, 194; *N. C.* '32, 104, '33, 233, '34, 396; *Ont.* '39, 16, 24^a; *W. Va.* '33, 222^a.—*destr.* '38, 679^a; *egg*, '37, 307; *hbt.* '33, 222^a, 233; *mig.* '39, 16, 24^a; *nid.* '37, 507; *song*, '34, 505^a, '37, 307; *wt.* '38, 443.

townsendi (Townsend's Warbler), *B. C.* '34, 243; *Mex.* '40, 236, 241; *Utah*, '32, 237.—*plm.* '34, 243.

virens (*Black-throated Green Warbler), *Ala.* '33, 369, '38, 283^a; *Ariz.* '33, 124; *D. C.* '38, 679^a; *Ga.* '31, 616^a; *Germ.* '37, 553^a; *Haiti*, '32, 506; *Me.* '37, 431^a; *Mass.* '36, 89; *Mex.* '40, 241; *Mich.* '40, 437^a; *O.* '37, 326; *Okla.* '38, 506; *Ont.* '38, 48, '39, 16, 18^a; *Pa.* '40, 422; *W. Va.* '33, 222^a.—*blood*, '37, 518; *cowbird host*, '38, 48; *destr.* '38, 679^a; *feather count*, '36, 167^a; *fd.* '33, 403-407^a, '40, 422; *hbt.* '33, 222^a, 403-407^a, '36, 480^a; *mig.* '39, 16; *pl.* '33, 403^a; *song*, '34, 505^a, '38, 267^a, 486^a, 490^a; *wt.* '31, 574, '37, 326, '38, 444, 514; *wing area*, '38, 514; *misc.* '37, 96^a, '39, 348^a.

waynei (Wayne's Warbler), *Ga.* '32, 364; *N. C.* '37, 458; *S. C.* '32, 238; *Va.* '32, 487.

Dendroplex phalaris, *Venez.* '39, 501.

Dendrotyx griseipictus, *Mex.* '37, 192.

macroura, *misc.* '37, 192.

oaxaca, *Mex.* '37, 192.

striatus, *Mex.* '37, 192.—*plm.* '37, 192.

Denmark.

Ringleben, H., '37, 567 (rev.).

Schiöler, E. L., '31, 457-458 (rev.).

Denmead, Talbott.

Black tern in Maryland, '37, 206.

dennistouni (*Zosterornis*), see *Zosterornis*.

Densirostra, *nomen.* '38, 305.

Dent, G.

A case of bigamy in Montagu's harrier (rev.), '40, 126.

Denton, Fred, and Byrd, E. E.

The water-turkey (*Anhinga anhinga*) in Clarke County, Georgia, '35, 300.

Denys, Nicolas, 1598-1688.

[Biographical], '39, 283-290.

derbianus (*Pitangus*), see *Pitangus*.

derbyana (*Palaeornis*), see *Psittacula*.

— (*Psittacula*), see *Psittacula*.

- Deroptylus accipitrinus** ("Sun Parrot"), *misc.* '37, 234^a.
- De Schauensee**, Rodolphe Meyer.
 A new species of bustard for South Africa (rev.), '31, 305.
 Two new birds from South Africa (rev.), '31, 305.
 A new species of flycatcher from Damaraland (rev.), '32, 254.
 A collection of birds from southwestern Africa (rev.), '32, 376.
 A new race of *Caprimulgus asiaticus* from North Siam (rev.), '34, 268.
 A new race of *Dryobates cabanisi* from the southern Shan States (rev.), '34, 268.
 Additions to the bird fauna of Siam (rev.), '34, 268.
 Birds from Siam and the southern Shan States (rev.), '34, 411-412.
 [Personal mention], '35, 225.
 A new race of *Garrulax moniliger* from northern Siam (rev.), '36, 114.
 Status of *Mitrephanes phaeocercus pallidus*, '37, 540.
 On a new species of drongo from Siam (rev.), '38, 570.
 First preliminary report on the results of the second Dolan Expedition to west China and Tibet: Two new birds from Tibet (rev.), '38, 570.
 see Riley, J. H., "Birds from Siam and the Malay Peninsula" (rev.), '39, 345.
 Rediscovery of the megapode, *Aepyodius bruijnii*, '40, 83-84.
- De Schauensee**, R. M., and **Bond**, J.
 see Bond and de Schauensee.
- De Schauensee**, R. M., and **Carriker**, M. A., Jr.
 see Carriker and de Schauensee.
- De Schauensee**, R. M., and **Mayr**, E.
 see Mayr and de Schauensee.
- De Schauensee**, R. M., and **Ripley**, S. D.
 Zoological results of the George Vanderbilt Sumatran Expedition, 1936-1939. Parts 1 and 3 (rev.), '40, 588.
- De Schauensee**, R. M., and **Stresemann**, E.
 see Stresemann and de Schauensee.
- deschauenseei* (Ortalis), see Ortalis.
deserti (Ammomanes), see Ammomanes.
deserticola (Amphispiza), see Amphispiza.
deserticolor (Erythrura), see Erythrura.
- Desertipicus doriae**, Arabia, '35, 484, '37, 559.
- desiradensis* (Loxigilla), see *L. dominicana*.
- Desmond**, Thomas Charles.
 Reddish egret nesting near Tavernier, Florida, '39, 329.
- desolata* (Pachyptila), see Pachyptila.
desolatus (Attaptrion), see Pachyptila.
 — (Procellaria), see Pachyptila.
- Destruction of Birds.**
 Allen, G. M., '38, 547-548.
 Barbour, T., '37, 542-543.
 Baumgartner, F. M., '34, 537-538.
 Beard, D. B., '39, 327-329.
 Berry, J., '40, 583-584 (rev.).
 Bohmann, L., '37, 405 (rev.).
 Borell, A. E., '36, 298-300.
 Brooks, M., '36, 449.
 Bryant, H. C., '37, 427-428.
 Cahalane, V. H., '40, 281-291.
 Christy, B. H., '40, 404-405.
 Cruickshank, A. D., '36, 324, '39, 179.
 D'Ombra, A. F., '39, 101 (rev.).
 Errington, P. L., '36, 334-335.
 Gabrielson, I. N., '33, 216.
 Gromme, O. J., '36, 324-325.
 Gross, W. A. O., '35, 383.
 Hamilton, W. J., Jr., '37, 97.
 Hooper, E. T., '39, 102 (rev.).
 Humayun, A., '40, 429 (rev.).
 McIlhenny, E. A., '40, 408-410.
 Moffitt, J., '38, 306 (rev.).
 Odum, E. P., and Pitelka, F. A., '39, 451-455.
 Overing, R., '38, 679.
 Perkins, Anne E., '32, 212.
 Pettingill, O. S., Jr., '37, 244, '39, 420-428.
 Rand, A. L., '38, 547.
 Roberts, Mary E., '40, 593 (rev.).
 Ruff, F. J., '40, 405-406.
 Scott, W. E., '38, 673, '40, 407-408.
 Semple, J. B., '36, 341.
 Shadle, A. R., '31, 567-569.
 Speirs, J. M., '40, 571.
 Spiker, C. J., '36, 76.
 Starrett, W. C., '39, 360 (rev.).
 Stoddard, H. L., '31, 445.
 Stone, W., '31, 477-479.
 Stoner, D., '37, 228 (rev.).
 Sugden, J. W., '36, 291-292.
 Swen, M. H., '39, 360 (rev.).
 Townsend, C. W., '33, 217.
 Trautman, M. B., et al., '39, 500 (rev.).
 Vogt, W., '39, 214-215.
 Walters, D. L., '39, 109 (rev.).
 Ward, W. B., '34, 236.
 Weber, J. A., '40, 405.
 White, F. B., '33, 236.
 Wilson, E. S., '34, 157-168.
- Dettmann**, Warren.
 Albino pied-billed grebe in Wisconsin, '37, 98-99.
- Deusing**, Murl.
 Atlantic kittiwake in Wisconsin, '38, 529.

- Nesting habits of the pied-billed grebe, '39, 367-373.
 The herring gulls of Hat Island, Wisconsin (rev.), '40, 126.
devisi (Rhipidura), see Rhipidura.
Devitt, Otto Edmund.
 Spring occurrence of the American egret in Ontario, '36, 322.
 Franklin's gull in Ontario, '37, 101.
 Leconte's sparrow in southern Ontario, '38, 283-284.
 The Arkansas kingbird in southern Ontario (rev.), '38, 300.
 The yellow rail breeding in Ontario, '39, 238-243.
Dewar, John Michael.
 The dipper walking under water (rev.), '39, 101.
 Timing the under-water activities of diving birds (rev.), '40, 126.
 Identity of specialized feeding habits of the turnstone and the oyster-catcher (rev.), '40, 588.
dewittei (Anthus), see Anthus.
 — (Francolinus), see Francolinus.
dextra (Piranga), see Piranga.
dextralis (Psophia), see Psophia.
 Diablotin, see Pterodroma hasitata.
diabolicus (Eurostopodus), see Eurostopodus.
diaconus (Thraupis), see Thraupis.
diademata (Cyanocitta), see Cyanocitta.
diadematus (Stephanophorus), see Stephanophorus.
dialeucos (Scardafella), see Scardafella.
diatomicus (Puffinus), see Puffinus.
Diatryma, *tax.* '34, 261.
Diatrymiformes, *tax.* '34, 261.
diazii (Anas), see Anas.
Dicaeum dolichorhynchum, *Siam*, *type loc.*, '38, 691.
hirundinaceum (*Mistletoe Bird), *ecol.* '40, 273.
umbratile, *Siam*, '31, 307.
Dichoceros bicornis (*Great Indian Hornbill), *India*, '37, 419.
dichora (Cossypha), see Cossypha.
Dichromanassa dickeyi (*Dickey's Egret, Reddish Egret), *L. C.* '32, 77^a.—*avic.* '32, 77^a; *tax.* '32, 114.
rufescens (*Reddish Egret, *ruficollis*), *Fla.* '39, 329, 336, '40, 289^a, 563^b; *S. C.* '35, 77; *Tex.* '35, 200, '38, 63, 315^a, '39, 214^a, 215^a, '40, 134^a, 289^a.—*flight*, '38, 298^a; *nest*, '39, 329; *protec.* '40, 289^a; *status*, '39, 212^a, 214^a, 218^a.
Dichromatism.
 Agapornis, '38, 689.
 Birds of prey, '37, 109.
 Bonasa umbellus, '40, 79, 390-397.
Glaucidium gnoma, '32, 129.
Nycticorax hoactli, '36, 322-323.
Otus, '39, 39-56.
 Dickcissel, see Spiza americana.
Dickens, Elizabeth.
 Rare birds on Block Island, Rhode Island, '34, 247.
Dickerson, Laurence Major.
 The western frontier of the European starling in the United States as of February, 1937 (rev.), '38, 691.
Dickey, Donald Ryder, 1887-1932.
 A new clapper rail from Sonora (rev.), '31, 308, 460.
 Obituary, '32, 517-518, '33, 82.
Dickey, D. R., and **van Rossem**, A. J.
 The birds of El Salvador (rev.), '38, 557-559.
Dickey, Florence Van Vechten (Mrs. Donald Ryder Dickey).
 Familiar birds of the Pacific southwest (rev.), '35, 474.
dickeyae (Passerina), see Passerina.
dickeyi (Colinus), see Colinus.
 — (Cyanocorax), see Cyanocorax.
 — (Dichromanassa), see Dichromanassa.
Dickinson, Joshua Clifton, Jr., and **Calhoun**, J. B.
 Red phalarope in Virginia, '39, 177.
Dicruridae, *Afr.* '40, 321.
Dicrurus adsimilis, *Afr.* '40, 321.—*fledg.* '40, 321.
bracteatus, *Australia*, *N. Guinea*, '38, 697.—*mig.* '38, 697.
leucophaeus, *India*, '36, 362.
longicaudatus, *India*, '36, 362.
macrocerus (*Black Drongo), *hbt.* '38, 298^a.
didymus (Lybius), see Lybius.
diemenianus (Dromiceius), see Dromiceius.
diesingi (Cyanocorax), see Cyanocorax.
difficile (Todiostrostrum), see Todiostrostrum.
difficilis (Empidonax), see Empidonax.
 — (Myiodynastes), see Myiodynastes.
Diglossa brunneiventris, *tax.* '36, 104.
carbonaria, *tax.* '36, 104.
dilophus (Phalacrocorax), see P. auritus.
diluta (Amazilia), see Amazilia.
 — (Thringorhina), see Thringorhina.
dilutus (Pheucticus), see Pheucticus.
 — (Stachyris), see Stachyris.
diluvialis (Philydor), see Philydor.
dimidiatus (Ramphocelus), see Ramphocelus.
dimorpha (Athene), see Athene.
 — (Uroglau), see Athene.
dimorphicus (Psaltriparus), see Psaltriparus.

Dingle, Edward von Siebold.

The color of the iris in the boat-tailed grackle, '32, 356-357.

Wilson's warbler (*Wilsonia pusilla*) on the coast of South Carolina, '33, 223. Notes on the kites of South Carolina, '34, 515.

Some post-hurricane records from South Carolina, '37, 200.

Eastern snow bunting in South Carolina in summer, '38, 547.

Dingle, E. von S., and Sprunt, A., Jr.

A new marsh wren from North Carolina, '32, 454-455.

Dinornis (*Moa), N. Z. '32, 252*, '38, 562-563*,—*destr.* '38, 563*; *fd.* '38, 562*; *hist.* '32, 252*, '38, 562*; *incub.* '40, 46*, 53*; *note.* '38, 562*; *plm.* '38, 562*.**Diomedea**, *anat.* '38, 584.

epomophora (*Royal Albatross), N. Z. '39, 499*.

exulans (Wandering Albatross), *Atlantic*, '37, 112, '39, 326-327; N. Z. '34, 489; *Pacific*, '37, 149.—*meas.* '37, 149; *tax.* '35, 124; *wt.* '37, 149; *misc.* '37, 148. *georgia*, S. Georgia I., '33, 462.

longirostris (*Diomedea), S. Atlantic, '34, 423*.

melanophris (Black-browed Albatross, *Thalassarche*), N. Z. '34, 490*; S. Pacific, '37, 149.—*misc.* '37, 148.

nigripes (Black-footed Albatross), Alas. '39, 140; *Pacific*, '37, 112.—*fd.* '39, 140.

Diomedidae, *ost.* '37, 110; *misc.* '35, 360, '37, 148.

Diomedella atlantica, S. Atlantic, '33, 462.

peruvia, Peru, '33, 383.

Diomedea, see **Diomedea**.

Dioptrornis amani, *Tanganyika*, '31, 635.

Diphyllodes magnificus (*Magnificent Bird of Paradise), N. Guinea, '40, 437*, 593.—*court.* '40, 437*; *hbl.* '40, 593.

Diplopterinae, see **Neomorphinae**.

Diplotocus, *Afr.* '39, 101.—*cuckoo host*, '39, 101.

Dipper, see **Cinclus**.

discolor (*Dendrocygna*), see **Dendrocygna**.

— (*Dendroica*), see **Dendroica**.

— (*Pipra*), see **Pipra**.

discors (*Querquedula*), see **Querquedula**.

Dise, (Mrs.) Mary Dameron.

Little blue herons and egrets at York, Pa., '31, 259-260.

Diseases of Birds, see **Sickness in Birds**. **dissaeptus** (*Telmatodytes*), see **Telmatodytes**.

dissimilis (*Psephotus*), see **Psephotus**.

distans (*Otus*), see **Otus**.

District of Columbia.

Allard, H. A., '37, 300-303.

Bagg, A. C., '35, 302.

Ball, W. H., '31, 106, 260, '32, 362.

Ball, W. H., and Wallace, R. B., '36, 345-346.

Bartsch, P., '36, 438.

Burleigh, T. D., '32, 485-486.

Clark, A. H., and Clark, L. F., '34, 368, 528.

Cottam, C., '32, 479-481, '35, 437.

Davis, M., '36, 449.

Friedmann, H., and Clark, A. H., '31, 610.

Kelso, L., '39, 496 (rev.).

Knappen, Phoebe, '33, 451-452.

Lincoln, F. C., '34, 75, '37, 395.

Overing, R., '38, 679.

Smith, C. F., '38, 540.

Ulke, T., '35, 461.

Diucopsis, *nomen.* '37, 213.

Diver, Great Northern, see *Gavia immer*.

diversa (*Ammospiza*), see *A. diversa* and *A. caudacuta*.

— (*Arborophila*), see **Arborophila**.

Dives dives, *Hond.* '36, 193.—*colors*, '36, 193.

Dixon, Frederick J., 1859-1927.

Obituary, '33, 153.

Dixon, James Benjamin, and Dixon, R. E.

Nesting of the western goshawk in California (rev.), '39, 571.

Dixon, Joseph [*Scattergood*].

Save the trumpeter swan (rev.), '31, 646.

Birds and mammals of Mount McKinley National Park, Alaska (rev.), '39, 101.

Dixon, J. S., Grinnell, J., and Linsdale, J. M.

see Grinnell, Dixon and Linsdale.

Dixon, J. S., Wright, G. M., and Thompson, B. H.

see Wright, Dixon and Thompson.

Dixon, Ralph Eugene, and Dixon, J. B.

see Dixon, J. B., and Dixon, R. E.

Doane, Rennie Wilbur.

Common pests. How to control some of the pests that affect man's health, happiness and welfare (rev.), '32, 123.

Dobzhansky, Theodosius.

Genetics and the origin of species (rev.), '38, 300-301.

Docimastes caerulescens, S. Am. '39, 204.

Dodo, see **Raphus ineptus**.

White, see *Victoriornis imperialis*.

doerrisi (*Bubo*), see **Ketupa**.

— (Ketupa), see Ketupa.
 dolani (Crossoptilon), see Crossoptilon.
Dole, Eleazer Johnson, **Fortner**, H. C., and **Smith**, W. P.
 see Fortner, Smith and Dole.
Dolichonyx oryzivorus (*Bobolink), *Atlantic*, '31, 134; *Fla.* '40, 256; *Ia.* '39, 36; *Kans.* '33, 450, '34, 255; *Mass.* '31, 600^a; *Mich.* '37, 314^a; *Mont.* '31, 61, 125; *N. J.* '36, 394^a; *O.* '31, 371, 377^a, '34, 386^a, '36, 229, '37, 326; *Okla.* '36, 434; *Ont.* '38, 284, '39, 17; *Pa.* '32, 488^a, '33, 119^a; *S. Am.* '40, 426^a; *W. I.* '37, 108; *W. Va.* '34, 90^a, '36, 98.— *behav.* '40, 256; *cowbird host*, '34, 386^a; *feather count*, '36, 159^a; *hbt.* '31, 60, 61, '38, 104; *mig.* '39, 17, '40, 87; *nest*, '33, 119^a; *song*, '38, 267^a, 618^a; *wt.* '37, 326; *misc.* '32, 254^a, '38, 683^a.
dolichorhynchum (Dicaeum), see Dicaeum.
Doliornis, *Peru*, '37, 230.
dolosus (Aramus), see Aramus.
domestica (Columba), see Columba.
 — (Troglodytes), see T. aëdon.
domesticus (Anas), see Anas.
 — (Gallus), see Gallus.
 — (Passer), see Passer.
Domicella amabilis (^bLorius), *New Britain*, '32, 265^b.
domingensis (Asio), see Asio.
dominica (Dendroica), see Dendroica.
 — (Pluvialis), see Pluvialis.
dominicæ (Coccyzus), see Coccyzus.
Dominican Republic.
 Bond, R. M., '34, 500–502.
 Wetmore, A., '31, 596–597, '32, 107–108, 456–457, '33, 450–451, '39, 73.
 Wetmore, A., and Lincoln, F. C., '34, 271 (rev.).
 Wetmore, A., and Swales, B. H., '31, 451–452 (rev.).
dominicana (Coereba), see Coereba.
 — (Loxigilla), see Loxigilla.
dominicanus (Larus), see Larus.
dominicensis (Burhinus), see Burhinus.
 — (Falco), see Falco.
 — (Icterus), see Icterus.
 — (Oedinenus), see Burhinus.
 — (Progne), see Progne.
 — (Tyrannus), see Tyrannus.
Dominico, see Copsychus mindanensis.
dominicus (Colymbus), see Colymbus.
 — (Nomonyx), see Nomonyx.
Donacola castaneothorax (*Chestnut-breasted Finch), *misc.* '36, 475^a.
pectoralis (*Pectoral Finch), *misc.* '36, 363^a.
Donoho, Murray Thompson, 1865–1935.
 Obituary, '36, 68.
dorae (Desertipicus), see Desertipicus.

Doremus, Henry Meade, and **Connell**, F. H.
 see Connell and Doremus.
Doricha eliza, *misc.* '39, 337.
enicura, *Hond., Mex.*, '39, 337.
dorjei (Cinclus), see Cinclus.
dorotheae (Phaëthon), see Phaëthon.
dorsalis (Jacana), see Jacana.
 — (Junco), see Junco.
 — (Leioptila), see Leioptila.
 — (Myospiza), see Myospiza.
dorsofasciatus (Phloeocastes), see Phloeocastes.
Dotterel, see Eudromias morinellus.
 Australian, see Peltolyas australis.
 Banded, see Charadrius bicinctus.
dougalli (Sterna), see Sterna.
Dove, Antillean Ground, see Columbiganallina trochila.
 Australian Crested, see Ocyphaps lophotes.
 Barred Ground, see Geopelia striata.
 Blond Ring, see Streptopelia risoria.
 Blue Ground, see Claravis pretiosa.
 Bronze-winged, see Phaps chalcoptera.
 Cape, see Oena capensis.
 Cassin's, see Leptotila cassini.
 Cuban Mourning, see Zenaidura macroura.
 Diamond, see Geopelia cuneata.
 Dusumier's Turtle, see Streptopelia dusumieri.
 Eastern Ground, see Columbiganallina passerina.
 Eastern Mourning, see Zenaidura carolinensis.
 Galapagos, see Nesopelia galapagoensis.
 Ground, see Columbiganallina passerina.
 Inca, see Scardafella inca.
 Laughing, see Stigmatopelia senegalensis.
 Mexican Ground, see Columbiganallina pallescens.
 Mourning, see Zenaidura carolinensis.
 Red Turtle, see Streptopelia humilis.
 Ringed Turtle, see Streptopelia risoria.
 Rock, see Columba livia.
 Rusty, see Leptotila verreauxi.
 Turtle, see Streptopelia turtur.
 Verreaux's, see Leptotila verreauxi.
 Western Mourning, see Zenaidura marginella.
 White-fronted, see Leptotila angelica.
 White-winged, see Melopelia mearnsi.
 Zenaida, see Zenaida aurita, and Z. zenaida.
 Dovekie, see Alle alle.
Dowitcher, see Limnodromus griseus.
 Alberta, see Limnodromus hendersoni.
 Eastern, see Limnodromus griseus.

- Inland, see *Limnodromus hendersoni*.
 Long-billed, see *Limnodromus scolopaceus*.
- Drabble**, Lionel, and **Harper**, E. C.
 see Harper and Drabble.
- drakensbergensis* (Apalis), see Apalis.
- Drepanorhynchus reichenowi**, *misc.* '34, 275.
- dresseri* (Somateria), see Somateria.
- Dromaedidae**, *tax.* '31, 635.
- Dromas ardeola** (Crab Plover), *nid.* '35, 474-475.
- Dromicelus diemenianus** (*Lesser Emu), *Kangaroo I.* '36, 364^a.
novae-hollandiae (*Emu), *egg*, '39, 100^a; *hbt.* '38, 146^a; *incub.* '40, 52; *speed.* '38, 147^a; *misc.* '36, 248^a.
- Dromococcyx**, '38, 139.
phasianellus, *hbt.* '38, 138.
- Dromoeocercus seebohmii**, *Mad.* '37, 216.
- Drongo**, Black, see *Dicrurus macrocercus*.
- Drosophila**, *chromosomes*, '38, 579.
- Drost**, Rudolf.
 Ueber das Brutkleid männlicher Trauerfliegenfänger, *Muscicapa hypoleuca* (rev.), '37, 219-220.
 Geschlechtsunterschiede am Schnabel der Silbermöwe, *Larus a. argentatus* Pont. (rev.), '39, 354.
- Drum**, Margaret.
 Territorial studies of the eastern goldfinch (rev.), '39, 494.
- Dryobates**, '33, 86.
acutirostris, *Korea*, '32, 267.
auduboni (Southern Hairy Woodpecker), *Va.* '33, 199.—*misc.* '36, 312.
balkanicus, *Hungary*, '40, 432.
borealis (*Red-cockaded Woodpecker), *Ky.* '40, 424; *N. C.* '37, 456.—*misc.* '39, 489^a.
cadwaladeri, *China*, '34, 268.
gravirostris (Southern White-headed Woodpecker), *Calif.* '37, 128.
heinrichi, *Burma*, '40, 439.
hortorum (*Lesser Spotted Woodpecker), *Germ.* '37, 226.—*hbt.* '37, 561^a; *nid.* '37, 226.
jardinei (Jardine's Hairy Woodpecker, ^bvillosus), *Mex.* '40, 236^b, 238.
leucopterus, *tax.* '35, 222.
leucothorectis (White-breasted Woodpecker), *Ariz.* '36, 298, '39, 323.
leucotos, *Caucasus*, '35, 126; *Germ.* '36, 122.
leucurus (Batchelder's Woodpecker, ^bhomorus), *Colo.* '38, 672-673; *Nev.* '35, 468.—*misc.* '34, 116^b.
major, *Italy*, '32, 255.—*misc.* '35, 349.
medianus (*Northern Downy Woodpecker, Downy Woodpecker, ^bpubes-
- cens*), *Ark.* '31, 237; *Colo.* '38, 672; *Kans.* '34, 538^a; *N. F.* '36, 343; *O.* '31, 369, '37, 326, '39, 83-84; *W. Va.* '40, 113-114.—*blood*, '37, 517; *feather count*, '36, 163^a, 165^a, 166^a; *fd.* '32, 379^a; *meas.* '40, 113-114; *wt.* '37, 326, '38, 422^a, 423^a, 435^a, 438-439^b, 515; *wing area*, '38, 515; *misc.* '31, 543^a, '36, 86^a, '38, 288^a, 504, '39, 196^a, 489^a.
miniakorum, *China*, '35, 110.
minor, *Germ.* '39, 360.
nanus, *Siam*, '39, 354.
nelsoni (Nelson's Downy Woodpecker), *Colo.* '38, 672-673; *Mass.* '34, 119; *Mich.* '36, 455.—*plm.* '40, 114.
orius (Modoc Woodpecker, Sierra Woodpecker, ^bvillosus), *Nev.* '35, 467^b, 468.—*hbt.*, *note*, '35, 467^b.
permutatus, *Manchuria*, '35, 110.
pubescens (Southern Downy Woodpecker), *O.* '39, 83-84; *Okla.* '38, 504; *S. C.* '31, 621; *Va.* '33, 199.—*meas.* '38, 504.
saghalinensis, *Sakhalin I.*, '31, 642.
sanctorum (Hairy Woodpecker), *Guat.* '33, 437.—*hbt.* '33, 437.
septentrionalis (Northern Hairy Woodpecker), *misc.* '36, 361.
stricklandi (Strickland's Hairy Woodpecker), *Mex.* '40, 236, 238.
terraenovae (Newfoundland Woodpecker), *N. F.* '36, 343.
villosus (*Eastern Hairy Woodpecker, Hairy Woodpecker), *Ark.* '31, 237; *Colo.* '37, 526; *Mass.* '31, 565; *O.* '37, 326; *S. C.* '36, 312; *W. Va.* '40, 113.—*blood*, '37, 517; *feather count*, '36, 165^a, 166^a; *meas.* '40, 113; *wt.* '37, 326, '38, 422^a, 440, 441; *misc.* '36, 361, '37, 43, 166^a, '39, 196^a.
- Dryonastes**, *behav.* '37, 417.
- Dryoscopus nyansae**, *tax.* '40, 591.
- dubius* (Charadrius), see Charadrius.
 — (Sericornis), see Sericornis.
- Du Bois**, Alexander Dawes.
 The McCown longspurs of a Montana prairie (rev.), '38, 571.
 Observations at a rufous hummingbird's nest, '38, 629-641.
 Birth comes to the bittern nest (rev.), '40, 126.
- Dubusia taeniata**, *Ecuad.* '34, 150.
- Duck**, Bahama, see *Dafila bahamensis*.
 Black, see *Anas rubripes* and *A. tristis*.
 Black-bellied Tree, see *Dendrocygna autumnalis*.
 Black-headed, see *Heteronetta atricapilla*.
 Blue, see *Hymenolaimus malacorhynchus*.
 Brown, see *Elasmonetta chlorotis*.

- Campbell Island, see *Xenonetta nesiotis*.
 Eastern Harlequin, see *Histrionicus histrionicus*.
 Eider, see *Somateria borealis* and *S. dresseri*.
 Florida, see *Anas fulvigula*.
 Fulvous Tree, see *Dendrocygna bicolor* and *D. helva*.
 Gray, see *Anas superciliosa*.
 Gray-breasted Tree, see *Dendrocygna discolor*.
 Greater Scaup, see *Nyroca marila*.
 Harlequin, see *Histrionicus histrionicus*.
 Labrador, see *Camptorhynchus labradorius*.
 Lesser Scaup, see *Nyroca affinis*.
 Long-tailed, see *Clangula hyemalis*.
 Mandarin, see *Aix galericulata*.
 Masked, see *Nomonyx dominicus*.
 Mexican, see *Anas diazi*.
 Mottled, see *Anas maculosa*.
 Mountain, see *Hymenolaimus malacorrhynchus*.
 Muscovy, see *Cairina moschata*.
 Paradise, see *Casarca variegata*.
 Redhead, see *Nyroca americana*.
 Red-legged Black, see *Anas rubripes*.
 Ring-necked, see *Nyroca collaris*.
 Rouen, see *Anas domesticus*.
 Ruddy, see *Erismatura rubida*.
 Salvadori's see *Salvadoria waigiensis*.
 Sheld, see *Tadorna tadorna*.
 Spine-tailed, see *Merganetta colombiana*.
 Steamer, see *Tachyeres brachyptera*.
 Tufted, see *Nyroca fuligula*.
 West Indian Ruddy, see *Erismatura jamaicensis*.
 West Indian Tree, see *Dendrocygna arborea*.
 White-faced Tree, see *Dendrocygna viduata*.
 Wood, see *Aix sponsa*.
Ducula consobrina (^b*Carpophaga vande- polli*), syn. '36, 470^b.
Dudley, Jack Murchie.
 [Erroneous report of death], '39, 122; [Correction], '39, vii.
duidae (*Crypturellus*), see *Crypturellus*.
 — (*Nyctipolus*), see *Caprimulgus nigrescens*.
 — (*Otus*), see *Otus*.
 — (*Schiffornis*), see *Schiffornis*.
Dumetella carolinensis (^a*Catbird*), *Atlantic*, '31, 133; *B. C.* '38, 297^a; *D. C.* '33, 451; *Fla.* '40, 404^a; *Germ.* '37, 553^a; *Ill.* '34, 101; *Ind.* '34, 538^a; *Md.* '40, 334–336^a; *Mass.* '32, 233; *N. Y.* '36, 6^a; *N. C.* '33, 232, '37, 457; *O.* '31, 370, 622, '37, 326; *Pan.* '31, 121^a, '33, 301; *Pa.* '36, 101; *Tenn.* '35, 372^a.—*alb.* '36, 101; *avic.* '37, 558^a; *behav.* '39, 500^a; *feather count*, '36, 167^a; *flight*, '33, 316^a, 452^a; *fd.* '33, 451, '40, 336^a; *hbt.* '36, 360^a, '37, 220^a; *myol.* '38, 642; *nest*, '31, 622, '39, 247^a, '40, 334^a; *paras.* '37, 501; *song*, '35, 40–52^a, '38, 266^a; *wt.* '37, 326, '38, 422–424^a, 427^a, 436, 437, 515; *wing area*, '38, 515; *misc.* '31, 542^a, 543^a, 544^a, '35, 481^a, '36, 88^a, '38, 532^a.
dumetorum (*Acrocephalus*), see *Acrocephalus*.
DuMont, Philip Atkinson.
 Summary of bird notes from Pinellas County, Florida, '31, 246–255.
 Pomarine jaegers (*Stercorarius pomarinus*) off Key West, Florida, '32, 220–221.
 Some notes from southern Florida, '32, 236–237.
 Birds of Polk County, Iowa (rev.), '32, 255.
 Old specimen of the blue-faced booby from Texas, '33, 92.
 The Atlantic kittiwake taken in central Iowa, '33, 102–103.
 An old specimen of hybrid flicker from central Arkansas, '33, 362.
Pedioecetes phasianellus kennicottii revived, '33, 432–433.
 Florida cormorant from Dismal Swamp, Virginia, '34, 78.
 A revised list of the birds of Iowa (rev.), '34, 113.
 The double-crested cormorant nesting in southeastern Iowa, '34, 509–510.
 A report on the starling in Iowa, '34, 525–526.
 Maximum numbers of shore-birds in Iowa during the spring of 1934, '35, 83–85.
 Franklin's gulls nesting on Sand Lake Refuge, South Dakota (rev.), '38, 571.
Dunajewski, Andrzej.
 Bemerkungen über einige mittelasiatische Vögel (rev.), '38, 571.
 Ein Beitrag zur Systematik der Rabenvögel (*Corvidae*) (rev.), '38, 571.
 Zwei neue Vogelformen (rev.), '38, 571.
 Die geographischen Formen der Dorngrasmücke (*Sylvia communis* Lath.) (rev.), '38, 571.
 Gliederung und Verbreitung des Formenkreises *Lanius schach* L. (rev.), '39, 354.
Dunlavy, Joseph Charles.
 Studies on the phyto-vertical distribution of birds, '35, 425–431.

- Dunlin, see *Pelidna alpina*.
 dunni (*Calendula*), see *Calendula*.
 dunstalli (*Ramphocelus*), see *Ramphocelus*.
Dupetor flavicollis, *ynq.* '33, 258.
Dupond, Charles.
 Oeuvre du baguage des oiseaux en Belgique (rev.), '37, 220.
Dupont, Paul.
 Moeurs de Petits Coqs de Bruyère (rev.), '37, 220.
Durant, P. W.
 The European starling, *Sturnus vulgaris*, at Norway House (rev.), '40, 431.
Durborow, William Joseph, 1872-1932.
 Obituary, '32, 521, '33, 83.
Durfee, Owen, 1863-1933.
 Obituary, '34, 70, 287-288.
dusumieri (*Streptopelia*), see *Streptopelia*.
Duvall, Allen Joseph.
 The second occurrence of the Ohio house wren in Maryland, '36, 340.
 Birds observed on the coast of Virginia and North Carolina, '37, 461-463.
dwighti (*Chlorospingus*), see *Chlorospingus*.
 — (Empidonax), see *Empidonax*.
 — (Hylodichla), see *Hylodichla*.
Dybowski, Benedict Ivanovich, 1833-1930.
 Obituary, '31, 328-329.
Dybowski, Jean, 1856-1928.
 Obituary, '31, 327.
dybowskii (*Lagopus*), see *Lagopus*.
Dymond, John, Jr., 1867-1932.
 Obituary, '33, 260-261, '34, 70.
Dysithamnus puncticeps, C. R. '33, 300.
Dysmorodrepanis munroi, H. I. '39, 479-480.—fig., meas., plum., tax., type, '39, 479-480.

E

- Eagle, American, see *Haliaeetus leucocephalus*.
 Bald, see *Haliaeetus alascanus* and *H. leucocephalus*.
 Batteleur, see *Terathopus ecaudatus*.
 Bonelli's, see *Hieraaetus fasciatus*.
 Booted, see *Hieraaetus pennatus*.
 Golden, see *Aquila canadensis* and *A. chrysaetos*.
 Gray Sea, see *Haliaeetus albicilla*.
 Imperial, see *Aquila heliaca*.
 Martial, see *Stephanoaetus coronatus*.
 Northern Bald, see *Haliaeetus alascanus*.
 Philippine Monkey-eating, see *Pitheophaga jefferyi*.
 Short-toed, see *Circus gallicus*.

- Spotted, see *Aquila pomarina*.
 Stone, see *Aquila chrysaetos*.
 Vulturine Fish, see *Gypohierax angolensis*.
 Wahlberg's, see *Aquila wahlbergi*.
 Wedge-tailed, see *Uroaetus audax*.
 White-breasted Sea, see *Haliaeetus leucogaster*.
 White-tailed, see *Haliaeetus albicilla*.
Eates, Kenneth Ray.
 The status of the koel (*Eudynamis scolopaceus* (L.)) in Sind (rev.), '37, 561.
 A note on the distribution and nidification of the northern yellow-fronted pied woodpecker (*Leipicus mahratensis blanfordi* (Blyth)) in Sind (rev.), '38, 301.
 The distribution and nidification of the rock horned owl (*Bubo bubo bengalensis* (Frankl.)) in Sind (rev.), '38, 301.
 Behaviour of Jerdon's little ringed plover (*Charadrius dubius jerdoni* Legge) with young (rev.), '38, 301.
Eaton, Elon Howard, 1866-1934.
 Obituary, '35, 66, 224.
Eaton, Richard Jefferson.
 Great black-backed gull (*Larus marinus*) breeding in Essex County, Massachusetts, '31, 588-589.
 Migratory movements of herring gulls (rev.), '34, 414-415.
Eaton, Warren Francis, 1900-1936.
 Decrease of hawks and owls in northern New Jersey, '31, 425-426.
 Causes of decrease of our New Jersey birds (rev.), '32, 255.
 Former occurrence of Carolina parakeet in New Jersey, '36, 82.
 Obituary, '36, 255-256, '37, 125.
eatonii (*Ciccaba*), see *Ciccaba*.
eburnea (*Pagophila*), see *P. alba*.
ecaudatus (*Terathopus*), see *Terathopus*.
Eclipse plumage in ducks.
 Brooks, A., '38, 272-273.
Ecology.
 Bennett, L., '38, 565.
 Bennett, L. J., and Hendrickson, G. O., '39, 32-37.
 Carr, W. H., '40, 430 (rev.).
 Clements, F. E., and Shelford, V. E., '40, 123-124 (rev.).
 Emerson, J. L., '40, 588 (rev.).
 Errington, P. L., '36, 118 (rev.), '38, 571 (rev.), '39, 354 (rev.), '40, 271 (rev.).
 Errington, P. L., and Hamerstrom, F. N., Jr., '36, 465-467 (rev.).
 Errington, P. L., and Stoddard, H. L., '39, 354 (rev.).

- Falla, R. A., '40, 126 (rev.).
 Hesse, R., et al., '37, 556-557 (rev.).
 Hyde, A. S., '40, 589 (rev.).
 Kenney, F. R., and McAtee, W. L., '39, 356 (rev.).
 Lack, D., '40, 434 (rev.).
 Lay, D. W., '39, 104 (rev.), 356 (rev.).
 Lay, D. W., and Siegler, H. R., '39, 104 (rev.).
 Linsdale, J. M., '38, 694 (rev.).
 Lord, E. A. R., '40, 273 (rev.).
 Nichols, J. T., '38, 577 (rev.).
 Orendurff, C. F., '40, 592 (rev.).
 Palmgren, P., '33, 245-246 (rev.).
 Peitzmeier, J., '40, 275 (rev.).
 Poldeboer, E., '39, 498 (rev.).
 Poole, E. L., and Pough, R. H., '37, 418 (rev.).
 Saunders, A. A., '37, 420 (rev.).
 Schmaus, M., '39, 206 (rev.).
 Serventy, D. L., '37, 420 (rev.).
 Snyder, L. L., and Hope, C. E., '39, 108 (rev.).
 Sumner, E. L., Jr., '36, 358-359 (rev.).
 Taverner, P. A., '40, 132 (rev.), 439 (rev.).
 Tyler, B. P., '40, 277 (rev.).
 Van Beneden, A., '40, 440 (rev.).
 Vogt, W., '39, 109 (rev.), 208 (rev.).
 Williams, A. B., '37, 112 (rev.).
 Woodbury, A. M., '34, 116 (rev.).
- Economic Ornithology.**
 Ali, Salim, '36, 357 (rev.).
 Bequaert, J. C., '35, 336 (rev.).
 Box, H. E., '38, 146 (rev.).
 Brewer, A. E., '35, 336 (rev.).
 Chrystal, R. N., '38, 684 (rev.).
 Corti, U. A., '37, 219 (rev.).
 Cottam, C., '37, 213-214.
 Doane, R. W., '32, 123 (rev.).
 Ellis, N. S., '40, 431 (rev.).
 Emlen, J. T., Jr., '38, 301 (rev.).
 Farsky, O., '32, 378 (rev.).
 Giles, F. H., '37, 408 (rev.).
 Hadley, C. H., and Hawley, I. M., '35, 335-336 (rev.).
 Heim de Balsac, H., '37, 562 (rev.).
 Henze, O., '37, 562-563 (rev.).
 Hibbert-Ware, Alice, '38, 561-562 (rev.).
 Huntsman, A. G., '39, 102-103 (rev.).
 Jannone, G., '40, 590 (rev.).
 Kalmbach, E. R., '40, 272 (rev.), 590 (rev.).
 Kleiner, A., et al., '40, 590 (rev.).
 Knowlton, G. F., '38, 300 (rev.), 303 (rev.).
 Knowlton, G. F., et al., '35, 335 (rev.).
 Lane, M. C., '32, 379 (rev.).
 MacAloney, H. J., '32, 379 (rev.).
 Madon, P., '34, 258-261 (rev.).

- Manuel, C. G., '37, 110 (rev.), '38, 304-305 (rev.).
 McAtee, W. L., '32, 257 (rev.), '33, 140-141 (rev.), '40, 333-348.
 McAtee, W. L., and Piper, S. E., '37, 110 (rev.).
 Mendall, H. L., '37, 213 (rev.), '40, 274 (rev.).
 Munro, J. A., and Clemens, W. A., '38, 152 (rev.).
 Noble, W. B., '35, 116 (rev.).
 Osborn, H., '35, 115.
 Pereyra, J. A., '37, 225 (rev.).
 Pirnie, M. D., '36, 109-110 (rev.).
 Poole, E. L., and Pough, R. H., '37, 418 (rev.).
 Roessler, Elizabeth S., '36, 360 (rev.).
 Rozsypal, J., '32, 378 (rev.).
 Satterthwait, A. F., '35, 115 (rev.).
 Shotwell, R. L., '32, 378 (rev.).
 Silver, J. C., '35, 116 (rev.).
 Sison, P., '35, 116 (rev.).
 Smith, F. F., '35, 115 (rev.).
 Storer, T. I., '38, 698 (rev.).
 Terres, J. K., '40, 422.
 Underhill, G. W., '35, 335 (rev.).
 Wilson, K. A., '38, 187-197.
- Ectopistes, hbt. '40, 176, 178.**
migratorius (^aPassenger Pigeon, Wild Pigeon, ^bColumba), *Acadia*, '40, 81^a; *B. C.* '36, 446-447; *Conn.* '39, 155, 157; *D. C.* '39, 155-156; *Ga.* '38, 252^a; *Ill.* '39, 157, 210^a; *Ia.* '36, 473^a; *La.* '36, 113^a; *Md.* '39, 155; *Mass.* '38, 471-477, '39, 157; *Mich.* '31, 116^a, '34, 157-168, '35, 412-413; *Minn.* '39, 157, '40, 428^a; *Mo.* '39, 335; *Nebr.* '39, 157; *N. H.* '38, 297^a; *N. Y.* '39, 2^a, 157, '40, 415-416; *O.* '40, 586^a; *Ont.* '36, 58^a, 113^a, '39, 157; *Pa.* '31, 264; *S. C.* '38, 696^a; *Wisc.* '38, 307^a, 531-532, 697^a, '39, 157, '40, 132^a.—*death of last bird*, '40, 585^a; *destr.* '40, 283^a; *egg*, '40, 57^a; *fd.* '35, 412, '39, 138^a, 155-158, 335, '40, 81^a; *hist.* '34, 157-168, '38, 471-477, 689^b, '39, 335, '40, 81^a; *incub.* '40, 57^a, 58^a; *nid.* '38, 474-475, '39, 335; *nomen.* '38, 471; *misc.* '31, 383^a, '32, 256^a, '34, 200^a, '36, 60^a, 63^a, 241^a, 373^a, 374^a, '37, 314^a, '38, 586^a, '39, 154^a.
- Ecuador.**
 Berlioz, J., '38, 689 (rev.).
 Blake, E. R., '36, 447.
 Carriker, M. A., '31, 148-149 (rev.).
 Griscom, L., '35, 94-95.
 Gyldenstolpe, N., '31, 149 (rev.).
 Kelso, L., '32, 478-479.
 Moore, R. T., '34, 1-7, 141-156.
 Stresemann, E., '37, 569 (rev.), '39, 108 (rev.).
 Webb, C. S., '40, 133 (rev.).

- ecuadoreana (Pulsatrix), see Pulsatrix.
Edithornis silvestris, *tax.* '33, 380.
Edolisoma mcgregori, *P. I.* '38, 168.
Edolius forficatus, *misc.* '37, 233.
 edouardi (Guttera), see Guttera.
Edwards, Helen McCurdy (Mrs. Willard Hemenway).
 Notes from southern Alabama, '31, 595.
 Notes from Baldwin County, Alabama, '32, 105-106.
 Eastern whip-poor-will (*Antrostomus vociferus vociferus*) wintering, Alabama, '32, 221.
 Snowy Owl, a new species for Alabama, '32, 352.
 White ibis near Montgomery, Alabama, '32, 459.
 Bridled tern, a new bird for Alabama, '33, 105.
 Willow thrush, a new bird for Alabama, '33, 113-114.
 Notes from Baldwin County, Alabama, '33, 234.
 Golden plover, a new species for Alabama, '33, 359.
 Notes from Baldwin County, Alabama, '33, 368-370.
Edwards, James Leland.
 European teal (*Nettion crecca*) in northern New Jersey, '32, 460-461.
 The lesser black-backed gull in New Jersey, '35, 85.
efatensis (*Zosterops*), see *Zosterops*.
EGGEBRECHT, Erich.
 Brutbiologie der Wasseramsel (*Cinclus cinclus aquaticus* (Bechst.)) (rev.), '38, 301.
 Zur Brutbiologie der Gebirgsbachstelze *Motacilla cinerea* Tunst. (rev.), '40, 126.
 Egret, see *Casmerodius egretta*.
 American, see *Casmerodius egretta*.
 Brewster's, see *Egretta brewsteri*.
 Dickey's, see *Dichromanassa dickeyi*.
 Great White, see *Casmerodius egretta*.
 Reddish, see *Dichromanassa rufescens*.
 Snowy, see *Egretta thula*.
Egretta assumptionis, *tax.* '33, 383.
brewsteri (*Brewster's Egret, Snowy Egret), *Ariz.* '35, 443; *Calif.* '36, 374*; *Ida.* '34, 39; *L. C.* '32, 77; *Mex.* '35, 251.—*nest*, '34, 39-41.
garzetta, *France*, '31, 468.
nigripes (Little Silver Heron), *Java*, '37, 413.—*fd.*, *nid.*, '37, 413.
thula (*Snowy Egret, *candidissima, *Leucophoyx), *Antigua*, '34, 355; *Ark.* '33, 206; *Br. Guiana*, '39, 470*; *Dom. Rep.* '34, 501; *Fla.* '31, 249, 423*, '36, 203, 347, 439, '37, 201, '40, 565*; *Ga.* '33, 352*; *Gulf Coast*, '35, 200; *Haiti*,

- '34, 500; *Ky.* '38, 678; *La.* '33, 350*, 351*, 439-440, '40, 268*; *Mass.* '36, 438; *Mex.* '35, 423*; *Mich.* '36, 322, '37, 201; *N. J.* '40, 106; *N. Y.* '34, 248; *N. C.* '34, 396; *O.* '31, 112, '34, 401, '37, 227*; *Okla.* '38, 502*; *Pa.* '31, 113; *S. C.* '37, 531, '39, 77*; *Tex.* '38, 63, 64*, 132; *Utah*, '37, 389*; *V. I.* '38, 553; *Va.* '32, 362; *W. Va.* '38, 122.—*colors*, '40, 106; *fd.* '36, 440; *hbt.* '34, 501, '36, 203, 439, 440, '37, 201; *plm.* '40, 106; *misc.* '35, 443, '38, 315*.
 egretta (*Casmerodius*), see *Casmerodius*.
 — (*Herodias*), see *Casmerodius*.
Egypt.
 Greaves, R. H., '40, 127 (rev.).
 Greaves, R. H., and Tregenza, L. A., '38, 571-572 (rev.).
 Meinertzhagen, R., '31, 289-291 (rev.).
Ehinger, Clyde Ernst, 1858-1935.
 Obituary, '36, 68.
 Eider, see *Somateria dresseri* and *S. mollissima*.
 American, see *Somateria dresseri*.
 King, see *Somateria spectabilis*.
 Northern, see *Somateria borealis*.
 Pacific, see *Somateria v-nigra*.
 Steller's, see *Polysticta stelleri*.
Eifrig, Charles William Gustave.
 An albino short-eared owl (*Asio f. flammeus*), '33, 436.
 Color of the iris of Brewer's blackbird, '33, 442.
 [Obituary of] Chreswell John Hunt, '34, 286-287.
 Bonaparte's gull a summer resident in northern Indiana and the Chicago region, '38, 278.
 Hermit thrush, swamp and Savannah sparrows as summer residents in western Maryland, '38, 281-282.
 elachior (*Anthreptes*), see *Anthreptes*.
Elaenia, *Barbados*, '39, 101.
aenigma, *Ecuad.* '37, 569.
albiceps (D'Orbigny's Crested Flycatcher), *Argent.* '31, 55.—*hbt.* '31, 55.
chiriquensis (Lawrence's *Elaenia*), *Pan.* '35, 327.
flavogaster (Yellow-vented Crested Flycatcher), *Trin.* '38, 43.—*cowbird* host, '38, 41-43.
martinica (Caribbean *Elaenia*), *Montserrat*, '39, 194.—*dist.* '39, 194.
pallidorsalis, *Pan.* '38, 144.
riisii (Antillean *Elaenia*), *Antigua*, '34, 362.—*dist.* '39, 194; *fd.* '34, 362.
ultima, *Guat.* '35, 484.
Elaenia, Antillean, see *Elaenia riisii*.
 Caribbean, see *Elaenia martinica*.
 Lawrence's, see *Elaenia chiriquensis*.
 Elainea, see *Elaenia*.

Elanoides forficatus (*Swallow-tailed Kite), *Ala.* '33, 234, '39, 482-483; *Conn.* '40, 247; *Fla.* '31, 115^a, 250; *La.* '39, 90; *S. C.* '34, 369, 515, '35, 445; *Va.* '33, 192^a, 194, '39, 75.—*flight*, '40, 247; *fd.* '39, 75; *protec.* '40, 281^a.

Elanus caeruleus, *Italy*, '39, 355.

hypoleucus, *misc.* '35, 127, 222.

majusculus (*White-tailed Kite), *Calif.* '31, 620, '40, 433^a, 596^a; *S. C.* '35, 445, '36, 102; *Tex.* '32, 107, '38, 132, '40, 289^a.—*nest*, '32, 365; *protec.* '40, 289^a, 596^a.

Elasmonetta, *N. Z.* '35, 479.

chlorotis (Brown Duck), *N. Z.* '38, 151, 273.—*eclipse*, '38, 273.

elasson (Gavia), see Gavia.

Elder, William H.

Early nesting of the great horned owl, '35, 309-310.

eleanorae (Vireo), see Vireo.

Electron orientale, *S. Am.* '38, 309.

elegans (Carduelis), see Carduelis.

— (Cistothorus), see Cistothorus.

— (Malurus), see Malurus.

— (Platycercus), see Platycercus.

— (Rallus), see Rallus.

— (Sterna), see Thalasseus.

— (Thalasseus), see Thalasseus.

elegantissima (Tanagra), see Tanagra.

Eliot, Samuel Atkins, Jr.

Notes from the Connecticut Valley of Massachusetts, '32, 101-103.

Notes from Northampton, Mass., '32, 232-233.

Wilson's plover seen in Massachusetts, '32, 465.

Turkey vulture at Ludlow, Mass., '33, 212-213.

Western palm warbler in Massachusetts in spring, '33, 364-365.

European goldfinch in western Massachusetts, '33, 366.

Migration of Brünnich's murre along shore, '33, 435.

Notes from the coast of Connecticut, '33, 444-445.

Recent duck records in southwestern New England, '34, 511-513.

Recent owl records from southwestern New England, '34, 521-522.

An historic collection of birds, '35, 169-175.

Florida records of interest, '36, 346-347.

Golden eagle at Chilmark, Massachusetts, '39, 75.

Black-necked stilt at Saybrook, Connecticut, '39, 77.

Connecticut Valley records, '39, 177-179.

Wilson's plover in Massachusetts, '40, 414.

Eliot, S. A., Jr., and **Bagg**, A. C. (also see Bagg and Eliot).

Florida gallinule breeding in the Connecticut Valley, '32, 465.

Notes from the Massachusetts coast, '32, 492.

Notes from the Connecticut Valley in 1932, '32, 492-493.

Wilson's petrel banded at sea, '33, 91.

Snow goose at Northampton, Mass., '33, 96-97.

Acadian and Nelson's sparrows in the Connecticut Valley, '33, 122.

Notes from the Connecticut Valley in Massachusetts, '34, 246.

Eliot, S. A., Jr., and **Loetscher**, F. W., Jr. Some notes on Florida birds, '35, 462-463.

elisae (Xanthopygia), see Xanthopygia.

eliza (Doricha), see Doricha.

Elliot, Daniel Giraud, 1835-1915.

[Centennial of his birth], '35, 225.

elliotti (Amazilia), see Amazilia.

— (Pterocles), see Pterocles.

Elliott, A. J.

Birds of the Moonie River district adjacent to the border of New South Wales with Queensland (rev.), '39, 101-102.

Elliott, John Jackson.

Winter habits of myrtle warblers on the south shore of Long Island (rev.), '40, 431.

Ellis, Charles William Henry, 1851-1935.

Obituary, '35, 493, '36, 68.

Elopterygidae, *tax.* '34, 261.

Elopteryx nopsai, *tax.* '34, 261.

elutus (Thryophilus), see Thryophilus.

Emberiza aureola, *tax.* '31, 298.

calandra (*Corn Bunting), *hbt.* '34, 556^a, '35, 125^a, '39, 268, 270^a, 273^a;

misc. '32, 389^a.

caliginosa (Yellow Bunting), *Scoll.* '40, 431.

callensis, *Algeria*, '39, 207.

cia (Meadow Bunting), *Jerusalem*, '33, 181.

citrinella (*Yellow Bunting, Yellowhammer), *N. Z.* '34, 492.—*hbt.* '39, 269, '40, 177^a; *song*, '38, 263^a.

cognominata (^bmajor), *nomen.* '31, 640, 640^b.

emberiza (Corn Bunting), *Jerusalem*, '33, 181.

flaviventris (Gold-breasted Bunting), *avic.* '40, 124.

gambiensis, *Gambia*, '32, 511.

hortulana, *Finl.* '38, 698.

hyperborea, *misc.* '34, 549.

- janowski, *tax.* '35, 219.
 mackenziei, *Hebrides*, '36, 247.
 oligoxantha, *Sib.* '32, 391.
 pallasi, *tax.* '31, 298.
 rustica (*Rustic Bunting), *Finl.* '38, 578^a.
 schoeniclus (*Reed Bunting), *hbt.* '36, 253, '40, 177^a; *tax.* '31, 157, 298.
 spodocephala (*Black-faced Bunting), *China*, '38, 293^a.
 stresemanni, *Hungary*, '31, 157.
 suschkiniana (*montana), *nomen.* '32, 140, 140^b.
 tangutorum, *China*, '37, 569.
 turonensis, *France*, '31, 157.
 emberiza (Emberiza), see Emberiza.
 Emberizidae, *Afr.* '38, 681.
 Emberizinae, *tax.* '40, 120.
 Emberizoides herbicola (Azara's Ground Finch), *Bras.* '38, 45; *Parag.* '31, 57.—*cowbird host*, '38, 42, 45; *hbt.* '31, 53, 57.
 Embernagra olivascens (Olive Ground Finch), *Argent.* '31, 58.—*hbt.* '31, 53, 58.
 paraguayensis (Paraguayan Ground Finch), *Parag.* '31, 58.—*hbt.* '31, 53, 58; *tax.* '31, 58.
Embryology.
 Hollander, W. F., and Levi, W. M., '40, 326-329.
 Lerner, I. M., '39, 203-204 (rev.).
 emersoni (Coturnicops), see Coturnicops.
 emigrans (Xiphocolaptes), see Xiphocolaptes.
Emilio, Shepard Gilbert.
 [Obituary of] Arthur Percival Stubbs, '34, 566.
 [Four papers on birds of Essex County, Massachusetts], (rev.), '39, 494.
 [Obituary of] Rodman Armitage Nichols, '40, 599.
Emilio, S. G., and Griscom, L.
 The migration and winter range of the Labrador Savannah sparrow (*Passerculus sandwichensis labradorius*), '32, 229-230.
Emlen, Arthur Cope.
 [Obituary of] Henry Reginald Carey, '31, 473-474.
Emlen, John Thompson, Jr.
 Age determination in the American crow (rev.), '36, 360.
 Bird damage to almonds in California (rev.), '38, 301.
 Egrets of the Sacramento Valley (rev.), '39, 202.
 emleni (Myiochanes), see Myiochanes.
 Empidochanes poecilurus, *tax.* '37, 406.
Empidonax, Mid. Am. '40, 349-389; *Peru*, '40, 277.—*tax.* '39, 39, '40, 349-389; *misc.* '36, 287, '38, 663, 669, '39, 189, 196.
 adastus, *misc.* '40, 353.
 affinis (Fulvous-breasted Flycatcher), *Guat.* '40, 367; *Mex.* '40, 236, 239, 366, 367.—*charac.* '40, 365, 367-368, 386; *meas.* '40, 385; *nomen.* '40, 236, 349; *tax.* '40, 349, 350, 364-365.
 albigularis, *Guat., Hond.,* '40, 383.—*charac.* '40, 379-383, 387; *dist.* '40, 382; *meas.* '40, 379, 385; *nid.* '40, 366; *races.* '40, 380-383; *tax.* '40, 349, 350, 353, 379.
 atriceps (Black-capped Flycatcher, ^bCnemonax), *C. R., Pan.,* '40, 383.—*color of mandible*, '40, 387; *tax.* '36, 469^b.
 axillaris (Paustralis), *C. R.* '33, 300^b, '40, 382; *Mex.* '40, 379, 380, 382; *Nic.* '40, 382.—*charac.* '40, 380, 381, 387; *meas.* '40, 385; *nomen.* '40, 379-380, 383^b.
 bairdi, *nomen.* '40, 372, 374.
 bateli, *Mex.* '40, 368, 370, 371, 372-373, 376.—*charac.* '40, 373, 375, 386; *meas.* '40, 385; *nid.* '40, 373.
 brewsteri (*Little Flycatcher, Traill's Flycatcher, Western Alder Flycatcher), *Calif.* '38, 546; *Hond.* '40, 352; *Ida.* '37, 97-98; *Mex.* '40, 352-353; *N. D.* '32, 105; *Okla.* '38, 504; *Utah*, '31, 61.—*charac.* '40, 353; *color of mandible*, '40, 386; *cowbird host*, '38, 546; *hbt.* '31, 60, 61; *meas.* '36, 25; *nest*, '32, 105; *song*, '38, 273^a; *misc.* '36, 22.
 cineritius (San Lucas Flycatcher), *L. Calif.* '40, 369.
 culiacani (Sinaloa Flycatcher), *Mex.* '40, 370-371*.—*descr.* '40, 370, 386; *dist.* '40, 370-371; *meas.* '40, 385; *mig.* '40, 371; *misc.* '40, 373.
 difficilis (*Western Flycatcher, ^binsulicola, *perplexus), *Ariz.* '39, 323, 369; *Calif.* '32, 482, '38, 47, '40, 369; *Mex.* '40, 369; *Ore.* '40, 368, 369; *Wash.* '40, 369.—*charac.* '40, 350, 366, 368-369, 381, 386; *cowbird host*, '38, 46-47; *dist.* '40, 372; *hyb.* '34, 119; *mig.* '40, 371; *nest*, '32, 482; *races.* '40, 368-378; *syn.* '40, 369^a, 374^a; *tax.* '40, 349-350; *misc.* '40, 368^b.
 dwighti, *Guat., Hond., Mex., Sal.,* '40, 378.—*charac.* '40, 378, 386; *tax.* '40, 378.
 flavescens, *C. R., Pan.,* '40, 378.—*charac.* '40, 378, 386; *races.* '40, 378; *tax.* '40, 349; *misc.* '40, 377.
 flaviventris (*Yellow-bellied Flycatcher), *Cent. Am.* '40, 351; *Ill.* '34, 101; *Man.* '40, 432^a; *Mex.* '40, 35.; *N. F.* '36, 343; *N. J.* '40, 351.—*charac.* '40, 368; *dist.* '40, 351; *hyb.* '34, 119; *wt.* '38, 442.

fulvifrons (^bMuscicapa), *type*, '40, 349^b.

fulvipectus, *nomen*. '40, 236, 349; *tax*. '40, 349, 365.

fusceps, *syn*. '37, 540; *misc*. '40, 349.

griseus (Gray Flycatcher), *Aris*. '39, 323; *Mex*. '40, 362-364.—*charac*. '40, 360, 363, 366, 368, 386; *nomen*. '39, 311, '40, 357; *tax*. '40, 349, 350, 365.

hammondi (Hammond's Flycatcher), *Hond*. '40, 355-356; *Mex*. '40, 236, 239, 355-356, 364; *Ore*. '40, 355; *Wash*. '40, 351.—*charac*. '40, 350, 356, 358, 363, 365, 386; *hyb*. '40, 358-362; *meas*. '40, 385-386; *mlt*. '40, 362; *misc*. '35, 453.

hellmayri, *Mex*. '40, 371-372; *Tex*. '35, 340, '40, 368, 370, 371, 372.—*misc*. '40, 373, 375.

immemoratus, *Mex*. '40, 375-376*.—*descr*. '40, 375, 378, 386; *dist*. '40, 375; *meas*. '40, 385.

immodulatus, *Ariz*. '40, 368; *Mex*. '40, 372, 373.—*charac*. '40, 372, 373, 386; *meas*. '40, 385.

inexpectatus, *Hond*. '40, 385.

minimus (^eLeast Flycatcher), *Hond*. '40, 354; *Mex*. '40, 354-355; *N. C*. '33, 233; *O*. '31, 369, '37, 326; *Pan*. '40, 354.—*charac*. '40, 350, 354-355, 356, 386; *wt*. '37, 326; *misc*. '32, 257, '36, 283^a.

oberholseri, *Ariz*. '39, 311*, '40, 357.—*descr*., *dist*., *syn*. '39, 311-312.

occidentalis (^bbairdi), *Mex*. '40, 370, 373-375.—*charac*. '40, 373-375, 378, 386; *dist*. '40, 373-374; *meas*. '40, 385; *nomen*. '40, 372^b, 374^b.

pulverius, *Guat.*, *Mex.*, '40, 364-366.—*charac*. '40, 365-368, 386; *meas*. '40, 385; *tax*. '40, 349, 364-366.

pygmaeus (Buff-breasted Flycatcher), *Ariz*. '39, 163, '40, 384; *Mex*. '40, 383-384; *N. M.* '40, 384.—*dist*. '39, 163, '40, 384; *fd*. '39, 163; *mig*. '40, 384; *misc*. '40, 385.

rubicundus (^bfulvifrons), *Mex*. '40, 235^b, 239, 384-385.—*dist*. '40, 384-385.

salvini (Salvin's Flycatcher, ^bbairdi, ^edifficilis), *Guat*. '40, 374, 376, 377; *Mex*. '37, 197, '40, 237^e, 239, 377.—*charac*. '40, 377, 378; *nomen*. '37, 197^b; *tax*. '40, 349; *misc*. '40, 375.

seclusus, *Hond*. '40, 377.—*charac*. '40, 377, 378, 386; *tax*. '40, 376.

subtilis, *Mex*. '40, 381-382*.—*charac*. '40, 381-382, 387; *meas*. '40, 385.

timidus, *Mex*. '40, 380.—*charac*. '40, 380-387; *meas*. '40, 385, 386; *tax*. '40, 379.

trilli (^aAlder Flycatcher, ^bbridgwayi),

Fla. '37, 392; *Hond*. '40, 353; *Mex*. '40, 353, 354; *O*. '34, 386^a; *Pan*. '31, 120^a; *Que*. '31, 547-552, 603.—*alb*. '31, 603; *charac*. '40, 355, 386; *cowbird host*, '34, 386^a; *dist*. '40, 382; *life hist*. '31, 547-552; *mig*. '40, 353; *nomen*. '34, 548^b; *pl*. '31, 547, 550; *song*, '35, 40-52^a, '38, 266^a; *tax*. '40, 350; *misc*. '36, 22, 283^a, '38, 504, 663, '40, 352.

trepidus, *Guat.*, *Mex.*, '40, 366-367.—*charac*. '40, 367-368, 386; *meas*. '40, 385; *nid*. '40, 366; *tax*. '40, 349, 365, 367.

virescens (^aAcadian Flycatcher), *C. R.* '40, 351-352; *Hond*. '40, 351-352; *Mex*. '40, 352; *O*. '31, 376, '34, 386^a.—*color of mandible*, '40, 386; *cowbird host*, '34, 386^a; *feather count*, '36, 166^a; *flight*, '40, 255; *misc*. '32, 257, '35, 463^a.

wrighti (Wright's Flycatcher), *Ariz*. '40, 357; *B. C.* '40, 361; *Calif*. '40, 357; *Ida*. '40, 357; *Mex*. '40, 357-362, 364; *Mont*. '35, 453; *Ore*. '40, 357, 361; *Tex*. '40, 357; *Wash*. '40, 351, 357, 361.—*charac*. '40, 357-358, 386; *hyb*. '40, 358-362; *meas*. '40, 385, 386; *mlt*. '40, 362; *nomen*. '39, 311-312, '40, 357; *tax*. '40, 349, 350, 365; *misc*. '40, 388.

Empidonomus, *Peru*. '38, 312.

aurantio-atro-cristatus, *S. Am*. '38, 408.—*dist*., *mig*., '38, 408.

pallidiventr, *Bras*. '38, 408.—*dist*. '38, 408.

rufinus, *S. Am*. '38, 408.—*dist*. '38, 408.

varius, *S. Am*. '38, 408.—*mig*. '38, 408.

Emu, see *Dromiceius novae-hollandiae*.

Lesser, see *Dromiceius dimenianus*.

enano (Otus), see *O. trichopsis*.

enderbyi (Myiomoira), see *Petroica*.

— (*Petroica*), see *Petroica*.

Endomychura, *tax*. '34, 540.

Endrigkeit, A.

Fressen Haubentaucher Frösche oder Froschlarven? (rev.), '38, 691.

engelbachi (Leioptila), see *Leioptila*.

Engels, William Louis.

Tongue musculature of passerine birds, '38, 642-650.

Structural adaptations in thrashers (*Mimidae*: genus *Toxostoma*) with comments on interspecific relationships (rev.), '40, 431.

England.

Boyd, A. W., '38, 298 (rev.).

Brown, R. H., '39, 493 (rev.).

Glegg, W. E., '35, 334-335 (rev.).

Harrison, T. H., and Hollom, P. A. D., '33, 137-138 (rev.).

- Jourdain, F. C. R., '36, 101.
 Ledlie, R. C. B., and Pedler, E. G., '39, 104 (rev.).
 Lister, M. D., '39, 356 (rev.).
 Macpherson, A. H., '39, 497 (rev.), '40, 591 (rev.).
 Riviere, B. B., '31, 143-144 (rev.).
 Robinson, H. W., '38, 278.
 Rowan, W., '38, 697.
 Sibson, R. B., '39, 359 (rev.).
 Stonor, C. R., '39, 500 (rev.).
 Ticehurst, C. B., '33, 241-242 (rev.).
 Ticehurst, N. F., '39, 108 (rev.).
 Walpole-Bond, J., '40, 132 (rev.), 440 (rev.).
English, Almon Owen.
 Snowy owl in Virginia, '36, 333.
 enicura (Doricha), see Doricha.
 enigmaticus (Pterocles), see Pterocles.
 Eno, Harry Lane, 1871-1928.
 Obituary, '31, 648.
 enthymia (Otocoris), see Otocoris.
Entomyzon cyanotis (*Blue-faced Honey-eater), *hbt.* '33, 389^a.
 enucleator (Pinicola), see Pinicola.
Eocrex primus, *fos.* '31, 463.
Eolophus, *disease*, '40, 332.
Eonessa anaticula, *Utah, fos.*, '39, 110.
Eos, *tax.* '35, 342.
 bornea (*Red Lory), *misc.* '36, 363^a.
Eostega lebedinskyi, *tax.* '34, 261.
 ephippialis (Turdus), see T. albiventer.
Epimachus fastuosus (*Sickle-billed Bird of Paradise), *avic.* '37, 423^a.
 epomophora (Diomedea), see Diomedea.
 epopoe (Fringilla), see Hedymeles melanocephalus.
 epops (Upupa), see Upupa.
 eppelsheimensis (Anas), see Anas.
 epulatus (Alseonax), see Alseonax.
Eremalauda, *tax.* '35, 125.
Eremialector arabicus, *dist.* '37, 415.
 lichtensteini, *dist.* '37, 415.
 sukensis, *dist.* '37, 415.
 targius, *Sahara*, '37, 415.
 eremita (Alcippe), see Alcippe.
 — (Comatibis), see Geronticus.
 — (Geronticus), see Geronticus.
 eremoeca (Aimophila), see Aimophila.
Eremomela fantiensis, *Gold Coast*, '40, 591.
Eremophila, *nomen.* '37, 553.
 eremophilus (Pipilo), see Pipilo.
Ereunetes maurii (*Western Sandpiper), *Alas.* '34, 232; *Barbados*, '35, 495; *Ill.* '39, 334-335, 476; *La.* '34, 99; *Md.* '38, 127; *Mex.* '35, 252; *N. J.* '31, 419^a, 421, 422^a, '32, 470-474; *N. C.* '37, 455; *Okla.* '38, 503-504; *Pan.* '35, 326; *S. C.* '40, 402^a; *Tex.* '38, 68; *Wash.* '38, 276^a; *W. I.* '34, 233; *W. Va.* '38, 129,

- 677; *Wyo.* '38, 554.—*flight*, '33, 314^a; *meas.* '39, 334.
pusillus (*Semipalmated Sandpiper), *Antigua*, '34, 360; *Ark.* '35, 324; *Baf. I.* '40, 14^a, 15^a, 20^a; *Fla.* '34, 98^a; *Ga.* '35, 461^a; *Ill.* '39, 334-335; *Ia.* '35, 84, '38, 275; *Labr.* '37, 26; *Man.* '32, 366^a, '35, 204; *Md.* '38, 127; *Mass.* '32, 101, '34, 82^a; *N. H.* '35, 97; *N. J.* '31, 419^a, 420^a, 421, 422^a, '32, 470-474; *N. C.* '37, 455, 462; *O.* '31, 596^a, '37, 326; *Ont.* '35, 196; *Pan.* '35, 326; *Pa.* '31, 113^a, '34, 533^a; *S. C.* '40, 402^a; *Tex.* '38, 67; *V. I.* '36, 456; *W. I.* '34, 103; *W. Va.* '38, 129.—*flight*, '33, 314^a; *fd.* '34, 360, '37, 26; *hbt.* '31, 182^a, 184^a, '35, 83; *meas.* '37, 26; *mig.* '38, 67; *nest*, '32, 366^a; *paras.* '37, 41; *wt.* '35, 204, '37, 26, 326; *wt. of egg*, '35, 204; *misc.* '34, 373.
Ergaticus, *tax.* '36, 104.
 ruber (Red Warbler), *Mex.* '40, 235, 242.
 ericetorum (Arceuthornis), see Arceuthornis.
 — (Turdus), see Arceuthornis.
Erichsen, Walter Jefferson.
 European starling nesting at Savannah, Georgia, '35, 313.
 Scarlet tanager on the coast of Georgia, '35, 314.
Erickson, Arnold Burton.
 Sarcocystis in birds, '40, 514-519.
Erickson, Mary Marilla.
 Territory, annual cycle, and numbers in a population of wren-tits (Chamaea fasciata) (rev.), '38, 691.
 ericrypta (Melospiza), see Melospiza.
Erismatura, *misc.* '33, 86.
 jamaicensis (West Indian Ruddy Duck, ^bOxyura), *Antigua*, '34, 356^b.—*meas.* '34, 356^b.
 rubida (*Ruddy Duck, ^bjamaicensis, ^aOxyura), *Fla.* '31, 247^a; *Ill.* '33, 372; *Ia.* '39, 36; *Mass.* '31, 565^b, '32, 442-444^a, '39, 136^a; *Mex.* '35, 424^a; *Okla.* '38, 502^c; *Pa.* '35, 198, '36, 94^a; *Tex.* '35, 99; *W. Va.* '38, 130.—*egg*, '40, 55^a; *fd.* '39, 490^a; *hbt.* '32, 381^a; *incub.* '40, 55^a, 58^a; *protec.* '39, 214^a; *wt.* '38, 516; *wing area*, '38, 516.
Erithacus cyaneus (*Pallas's Blue Robin), *China*, '38, 293^a.
 melophilus (*British Robin), *behav.* '40, 170, 171^a, 172^a, 273^a; *hbt.* '40, 256^a, 435.
 rubecula (*European Robin, Robin Redbreast), *Germ.* '38, 154^a; *Jerusalem*, '33, 181.—*behav.* '40, 590^a; *fd.* '40, 520; *hbt.* '37, 225^a, 568^a (2), '39, 107, '40, 176; *misc.* '39, 256^a.
 erithacus (Psittacus), see Psittacus.

- (Siphia), see Siphia.
 ernesti (Falco), see Falco.
Erolia, *tax.* '34, 540.
 testacea (*Curlew Sandpiper, ^bCalidris), *China*, '39, 91^b; *Engl.* '38, 298^a; *N. Y.* '33, 446, '34, 397; *Nor.* '37, 108^a.
 — *hbt.* '38, 148^b.
Errington, Paul Lester.
 The pellet analysis method of raptor food habits study (rev.), '31, 153.
 Second broods in the mallard duck, '34, 78–80.
 Predators and the northern bob-white (rev.), '35, 340.
 Sex and resistance of bob-whites and ring-necked pheasants to starvation, '36, 78–79.
 Over populations and predation (rev.), '36, 118.
 Bone healing in young marsh hawks, '36, 326–327.
 Winter killing of flickers in central Iowa, '36, 334–335.
 A wood-duck marsh in northwestern Iowa, '37, 533–534.
 What is the meaning of predation? (rev.), '38, 571.
 Foods of bob-white in Wisconsin, '39, 170–173.
 The great horned owl as an indicator of vulnerability in prey populations (rev.), '39, 354.
 The comparative ability of the bob-white and the ring-necked pheasant to withstand cold and hunger (rev.), '39, 354.
Errington, P. L., and **Breckenridge**, W. J.
 see Breckenridge and Errington.
Errington, P. L., and **Hamerstrom**, F. M., Jr.
 The northern bob-white's winter territory (rev.), '36, 465–467.
 The evaluation of nesting losses and juvenile mortality of the ring-necked pheasant (rev.), '38, 147.
 Observations on the effect of a spring drought on reproduction in the Hungarian partridge (rev.), '38, 691.
Errington, P. L., and **McDonald**, M.
 Conclusions as to the food habits of the barred owl in Iowa (rev.), '38, 301.
Errington, P. L., and **Stoddard**, H. L.
 Modifications in predation theory suggested by ecological studies of the bob-white quail (rev.), '39, 354.
Erythrina deserticolor, *S. Kukumori* Mt. '32, 265.
 salimali, *Afghanistan*, '38, 695.
 erythrinae (Chalcomitra), see Chalcomitra.
 erythrurus (Carpodacus), see Carpodacus.
 erythrocephala (Pipra), see Pipra.
 erythrocephalus (Garrulax), see Garrulax.
 — (Melanerpes), see Melanerpes.
 — (Trachyphonus), see Trachyphonus.
Erythrochla bankana, *Banka*, '39, 107.
 erythrogaster (Hirundo), see Hirundo.
 erythronys (Microhierax), see Microhierax.
Erythromachus, *nomen*. '40, 439.
 erythromelas (Caryothraustes), see Periporphyrus.
 — (Ixobrychus), see Ixobrychus.
 — (Periporphyrus), see Periporphyrus.
 — (Piranga), see Piranga.
 erythromelon (Colius), see C. indicus.
 erythronotus (Estrilda), see Estrilda.
 erythrophthalma (Anas), see Nyroca.
 — (Nyroca), see Nyroca.
 — (Phaeonetta), see Nyroca.
 erythrophthalmus (Coccyzus), see Coccyzus.
 — (Pipilo), see Pipilo.
 erythropterus (Aprosmictus), see Aprosmictus.
Erythropus vespertinus, *fd.* '34, 417.
 erythropus (Anser), see Anser.
Erythropygia abbotti, *Berbera*, '32, 380.
 leucophrys (African Scrub-Robin), *tax.* '35, 119.
 permutata, *Benguela*, '31, 157.
 erythropygus (Xiphorhynchus), see Xiphorhynchus.
 erythrorhamphus (Monachalcyon), see Monachalcyon.
 erythrorhynchus (Pelecanus), see Pelecanus.
 erythrorhynchus (Lophoceros), see Lophoceros.
 erythrothorax (Porzana), see Porzana.
 — (Synallaxis), see Synallaxis.
Erythrura (Parrot Finch), *tax.* '32, 132.
 clara, *Ruk I.* '32, 267.
 kleinschmidti, *tax.* '32, 132.
 regia (Royal Parrot Finch), *N. Hebrides*, '32, 132.—*misc.* '34, 557.
 sanfordi, *Celebes*, '31, 315.
 eschatosus (Pinicola), see Pinicola.
 esculenta (Collocalia), see Collocalia.
 esperanzae (Pteroglossus), see Pteroglossus.
 — (Tanagra), see Tanagra.
Esten, Sidney Raymond.
 Bird weights of 52 species of birds (taken from notes of Wm. van Gorder), '31, 572–574.
 Notes on the prairie chicken in Indiana, '33, 356–357.
Estrilda, *tax.* '39, 501, '40, 269.
 astrild, *avic.* '40, 269.

- erythronotus*, *misc.* '38, 135.
minor, *Afr.* '40, 321.—*fledg.*, *incub.*, '40, 321.
subflava, *tax.* '39, 501.
- Ethiopia.**
 Bates, G. L., '39, 99 (rev.).
 Friedmann, H., '38, 141 (rev.).
 Fuertes, L. A., '31, 141 (rev.).
 Moltoni, E., '39, 357 (rev.).
 Parenzan, P., '40, 592 (rev.).
 Patrizi, S., '40, 592 (rev.).
- Eubucco coccineus**, *Peru*, '31, 149.
salvini, *Pan.* '38, 535-536.—*behav.*, *colors*, *nid.*, *egg*, '38, 535-536.
- Eucometis cristata** (Ant Tanager), *Pan.* '34, 9.
- Eudromia mira**, *Parag.* '39, 100.
- Eudromias morinellus** (*Dotterel, ^bCharadrius), *Switz.* '36, 249^a.—*dist.* '33, 203; *hbt.* '33, 410; *mig.* '39, 492^b.
- Eudynamis corvina**, *Halmahera*, '32, 265.
onikakko, *P. I.* '35, 211.
orientalis (*Eastern Koel), *Australia*, '37, 565^a.—*parasitism*, '37, 565^a.
paraguena, *P. I.* '35, 211.
scolopaceus (*Black Cuckoo, Koel), *hbt.* '33, 385-395^a, '37, 561; *misc.* '37, 233^a.
simalurensis, *Sumatra*, '36, 470.
- Eudyptes chrysolophus**, *S. Orkneys*, '36, 460.
pachyrhynchus (*Crested Penguin), *Australia*, '38, 691^a, '39, 356.
sclateri, *nomen.* '37, 416.
vittata, *nomen.* '37, 416.
- Eudyptula minor** (*Little Penguin), *hbt.* '40, 128^a.
- Eugenes fulgens** (*Rivoli's Hummingbird), *Aris.* '39, 160-161; *Mex.* '39, 444-445^a, '40, 236, 238.—*dist.*, *fd.*, '39, 160-161; *misc.* '39, 169.
- Eulabeornis castaneoventris**, *tax.* '32, 347.
- Eulabetidae**, *syst.* '38, 694.
- Eulampis jugularis** (Red-throated Hummingbird), *Antigua*, '34, 362.
- Eumomota euroaustri**, *Hond.* '36, 190.—*colors*, '36, 190.
sylvestris, *Guat.* '36, 240.
- Eumyobius**, *tax.* '37, 406.
- Euneornis campestris** (*Orangequit, Red-throated Blue Tanager), *Jam.* '39, 200^a.
- eupatria** (Psittacula), see *Psittacula*.
- Eupetes**, *tax.*, *type*, '40, 94.
macrocerus, *plm.*, *tax.*, '40, 94.
- Eupetomena macroura**, *flight*, '33, 149; *misc.* '34, 275.
- Euphagus carolinus** (*Rusty Blackbird), *Alas.* '39, 106^a; *Ark.* '31, 238; *Fla.* '31, 252; '35, 463; *Ga.* '32, 364; *La.* '40, 408; *Me.* '37, 343^a; *N. F.* '36, 345; *N. C.* '32, 363; *O.* '37, 326; *Que.* '31, 241^a; *Va.* '31, 125.—*band.* '39, 354^a; *behav.* '31, 125; *flight*, '33, 452^a; *nest*, '31, 243^a; *wt.* '37, 326; *misc.* '36, 227^a, '40, 575^a.
- cyanocephalus** (*Brewer's Blackbird, ^bcarolinus, ^cPsarocolius), *Ala.* '36, 452-453, '38, 545, '40, 575; *Colo.* '34, 538^a; *Fla.* '40, 574, 574-575; *Ga.* '34, 91, 118^a, '40, 575; *Ill.* '34, 100, 101, '35, 94; *Mex.* '35, 424, '40, 242; *Miss.* '40, 575; *N. C.* '34, 118^a, '36, 227; *O.* '36, 452; *Wisc.* '33, 442, '34, 482-486^b.—*iris*, '33, 442, '35, 340^a; *map.*, '34, 483^a; *myol.* '38, 642; *pl.* '34, 486^a; *type loc.* '34, 548^a; *misc.* '31, 542^a, '37, 160^a.
- minusculus** (Brewer's Blackbird), *Calif.* '31, 30.—*hbt.*, *mig.*, '31, 30.
- Eupherusa poliocerca**, *Mex.* '37, 193.
- Euphonia**, see *Tanagra*.
- Euphonia**, Blue-hooded, see *Tanagra elegantissima*.
- Lesser Antillean**, see *Tanagra flavi-frons*.
- euphonia** (Melospiza), see *Melospiza*.
- Euplectes**, *incub.* '40, 322; *tax.* '34, 122, 425.
hordeacea, *Afr.* '40, 322.—*hbt.*, '36, 120; *incub.* '40, 322.
nigroventris, *Afr.* '40, 322.—*incub.* '40, 322.
- Eupoda asiatica** (^bCharadrius), *anat.*, *hbt.*, '37, 568^b.
- montana** (Mountain Plover), *Mex.* '35, 252; *Tex.* '38, 65.
- veredus** (^bCharadrius), *anat.* '37, 568^b.
- Eupodotis alleni**, *Afr.* '31, 305.
- Eupsittula**, *Argent.* '37, 225.
- eurhyncha** (Guiraca), see *Guiraca*.
- Eurillas virens**, *Afr.* '40, 319.—*fledg.* '40, 319.
- zanzibarius**, *Zanzibar*, '35, 348.
- euroa** (Cyanops), see *Cyanops*.
- euroaustri** (Eumomota), see *Eumomota*.
- euronota** (Cossypha), see *Cossypha*.
- euronotus** (Thryothorus), see *Thryothorus*.
- europaea** (Sitta), see *Sitta*.
- europaeus** (Caprimulgus), see *Caprimulgus*.
- (Charadrius), see *Charadrius*.
- europaea** (Pyrrhula), see *Pyrrhula*.
- europhilus** (Corvus), see *C. principalis*.
- Eurostopodus albo-gularis** (*White-throated Nightjar, ^bmystacalis), *N. Guinea*, '38, 151^b.—*misc.* '36, 122^a.
diabolicus, *Celebes*, '31, 640.
jacobsoni (^bLyncornis), *Sumatra*, '36, 470^b.
- Eurylaemidae**, *tax.* '31, 631.

- Eurylaimus billitonis**, *Billiton I.*, '33, 140.
Eurnorhynchus, *hbt.* '39, 202.
Eurypyga major, *Hond.* '36, 186, 188.—
colors, fd., '36, 188.
Eurypygidae, *tax.* '31, 635.
Eurystomus oberholseri, *Sumatra*, '36,
 470.
Euscarthmornis, *Peru*, '40, 595.
 margaritaceiventris, tax. '31, 149.
 ruficularis, Peru, '31, 122.
eusticta (Tangara), see Tangara.
Euthlypis, *tax.* '36, 104.
Eutrichomyias, *tax.* '40, 274.
 rowleyi (*Zecephus*), *tax.* '40, 274^b.
Eutriorchis, *fd.* '37, 216.
Evans, Evan.
 Wilson's snipe (*Capella delicata*) breed-
 ing in Dutchess County, New York,
 '36, 441-443.
Evans, Victor Justice, 1865-1931.
 Obituary, '31, 326-327, '32, 70.
Everett, Edward Addison, 1867-1928.
 Obituary, '31, 86, 475-476.
everetti (*Uroloncha*), see *Uroloncha*.
Evermann, Barton Warren, 1853-1932.
 Obituary, '33, 83, 465-466.
eversmanni (*Bubo*), see *Bubo*.
Evolution.
 Allen, F. H., '34, 454-469.
 Dobzhansky, T., '33, 300-301 (rev.).
 Herrick, F. H., '39, 244-245.
 Lack, D., '40, 435 (rev.).
 Lowe, P. R., '34, 110 (rev.), '39, 357
 (rev.).
 Magne de la Croix, P., '35, 342 (rev.).
 Miller, A. H., '37, 565 (rev.).
 Sumner, F. B., '32, 383 (rev.).
 Troxell, E. L., '39, 500 (rev.).
evura (*Spizella*), see *Spizella*.
ewigi (*Acanthiza*), see *Acanthiza*.
Excalfactoria lineata (Island Painted
 Quail), *P. I.* '38, 203.—*nid.* '38, 203.
excellens (*Tapera*), see *Tapera*.
excelsa (*Grallaria*), see *Grallaria*.
excelsior (*Aptenodytes*), see *Aptenodytes*.
 — (*Upucerthia*), see *Upucerthia*.
excubitor (*Herpetotheres*), see *Herpeto-*
theres.
 — (*Lanius*), see *Lanius*.
excubitorides (*Lanius*), see *Lanius*.
exiguus (*Anthus*), see *Anthus*.
exilipes (*Acanthis*), see *Acanthis*.
exilis (*Cisticola*), see *Cisticola*.
 — (*Ixobrychus*), see *Ixobrychus*.
 — (*Orthorhynchus*), see *Orthorhyn-*
chus.
eximius (*Platycercus*), see *Platycercus*.
exortus (*Buarremon*), see *Buarremon*.
extensus (*Tripsurus*), see *Tripsurus*.
extima (*Piaya*), see *Piaya*.
extimus (*Micrastur*), see *Micrastur*.

- (*Turdus*), see *Turdus*.
exulans (*Diomedea*), see *Diomedea*.
exustus (*Pterocles*), see *Pterocles*.
Ey, Allen.
 The olive whistler. A new record for
 South Australia (rev.), '40, 431.
Eye-shine in Birds.
 Walker, E. P., '40, 440 (rev.).
Eyles, Don.
 Georgia wild life areas (rev.), '39, 354.
 Wilson's petrel in Georgia (rev.), '39,
 355.
Eyles, D., and **Giles**, N., Jr.
 Notes of interest from Georgia, '35,
 461-462.
Eynon, Alfred Ernest.
 Ring-necked duck (*Nyroca collaris*),
 at Lonsdale, Rhode Island, '35, 181.
 Iceland gull (*Larus leucopterus*) in
 Rhode Island, '35, 186.
 Rough-winged swallow breeding in
 Rhode Island, '36, 83-84.
 Migrating snow geese in northern New
 Jersey, '37, 532.
 Western grebe in New Jersey, '39, 180-
 181.

F

- fabalis** (*Anser*), see *Anser*.
Fabricius, Eric.
 Några iakttagelser rörande viggens,
 Nyroca fuligula (L.), beroende av
 måsfaglarna såsom häckfågel i skar-
 garden (rev.), '38, 691.
falcifer (*Pipilo*), see *Pipilo*.
falcinellus (*Plegadis*), see *Plegadis*.
Falcipennis falcipennis, *Jap.* '36, 356.
Falco, '36, 236, '38, 305.
 aesalon (*Merlin*), *dist.* '33, 203; *fd.*
 '34, 258; *hbt.* '40, 175.
 albigularis, *Hond.* '36, 188.—*colors,*
 '36, 188.
 altaicus (*Altai Falcon), *mon.* '34,
 121^a.
 anatum (*Duck Hawk, Peregrine
 Falcon), *Acadia*, '39, 287, '40, 79^a;
 Antigua, '34, 357; *Ariz.* '39, 321; *Baf.*
 I. '40, 16^a; *Conn.* '40, 270^a; *Fla.* '35,
 320, '36, 100^a, 348, '37, 100; *Ga.* '34,
 372; *Guiana*, '37, 234^a; *Ill.* '33, 372,
 '34, 100, '35, 101, '36, 348; *Ky.* '40,
 424; *Labr.* '37, 22; *L. C.* '38, 171^a;
 Md. '39, 181-182, '40, 109; *Mass.* '35,
 446, '36, 225^a; *Mich.* '34, 25; *Mona I.*
 '36, 100; *N. J.* '31, 426^a, '33, 98^a, '36,
 394^a, 401^a, 403; *N. Y.* '39, 474-475;
 N. C. '33, 233, '34, 372, '38, 552, '40,
 530; *Pan.* '31, 120^a, *Pa.* '34, 19, '35,
 243, 247, '36, 397^a, '39, 435-438, '40,
 107-109, 248-249^a; *S. C.* '36, 311;
 Tenn. '31, 598^a, '34, 371; *Va.* '33, 447,

'34, 372, '40, 262^a.—*anat.* '32, 463^a; *band.* '35, 242^a; *behav.* '40, 108; *destr.* '40, 282^a; *egg.* '40, 56^a; *flight.* '33, 315^a, '38, 146^a; *fd.* '37, 22, '39, 288^a, 474–475; *hbt.* '33, 98^a, '35, 446, '40, 529–530; *incub.* '40, 56^a, 58^a; *mig.* '34, 19, 25, '35, 243, 247, '36, 403, '39, 151^a, 435^a, 437, '40, 248–249^a; *nid.* '33, 447, '40, 108, 109; *wt.* '38, 513^a, 517; *wing area.* '38, 517; *misc.* '35, 482, '36, 356^a, '37, 425, '38, 82–83^a, 296^a, 564^a, '39, 94^a.

archeri, Somaliland, '33, 148.

bendirei (*Western Pigeon Hawk, Pigeon Hawk), *Alas.* '36, 210; *B. C.* '38, 526; *Fla.* '33, 356, '36, 210; *Ill.* '36, 210; *Kans.* '34, 515; *La.* '36, 210; *Mex.* '34, 515.—*eye.* '38, 229^a; *tax.* '35, 481.

berigora (Brown Hawk), *Australia.* '39, 102.

caeruleiceps, *Gyda Pen.* '34, 426.

calidus (Siberian Peregrine Falcon), *Alas.* '40, 589.

candicans (*White Gyrfalcon, Gyrfalcon), *Alla.* '39, 360^a; *Baf. I.* '40, 16^a; *Greenl.* '33, 135; *Labr.* '37, 21; *Mass.* '32, 217; *Mich.* '32, 216; *Mont.* '35, 202; *Pa.* '33, 97, '35, 243, 247, '37, 406^a, '39, 437.—*descr.* '32, 216; *dist.* '33, 202; *egg.* '40, 49^a, 55^a; *fd.* '32, 216; *incub.* '40, 55^a, 58^a; *mig.* '35, 243, 247; *tax.* '38, 290; *misc.* '40, 79^a.

caribaeorum (Lesser Antillean Sparrow Hawk), *Antigua.* '34, 357.—*fd.* '34, 357.

cenchroides (Kestrel), *Australia.* '32, 138.

cherrug, *misc.* '31, 643.

cinnamominus, *Chile.* '38, 288.

columbarius (*Eastern Pigeon Hawk, Pigeon Hawk), *Acadia.* '39, 287^a; *Ala.* '33, 369; *Antigua.* '34, 357; *Dom. Rep.* '34, 502; *Fla.* '31, 247^a, 250, '36, 100^a; *Ill.* '34, 100; *La.* '38, 280; *Mass.* '31, 196; *Mex.* '40, 236, 237; *Minn.* '38, 669; *N. F.* '36, 343; *N. J.* '31, 426^a, '36, 394^a, 401^a, 403; *N. C.* '33, 233, '35, 319, '38, 525; *Ont.* '32, 100, '39, 356; *Pa.* '34, 20, '35, 243, 247, '39, 435–438, '40, 248^a; *S. C.* '31, 266, '36, 311; *Va.* '33, 447; *Wisc.* '34, 533.—*egg.* '40, 56^a; *fd.* '36, 401, '38, 280, 669, '39, 288^a; *hbt.* '31, 196, '39, 104^a; *incub.* '40, 56^a, 58^a; *mig.* '35, 243, 247, '36, 397^a, 403, '39, 435^a, 437, '40, 248^a; *wt.* '34, 533, '38, 516; *wing area.* '38, 516; *misc.* '36, 357^a, '40, 79^a, 262^a.

dominicensis (Hispaniolan Sparrow Hawk), *Mona I.*, '36, 100.—*meas.*, *plm.*, '36, 100.

ernesti (Ernest's Peregrine Falcon), *P. I.* '38, 202–203.—*nest.* '38, 203.

falconellus, *tax.* '37, 230.

fernandensis, *Chile.* '38, 288.

gobicus, *Turkistan.* '34, 426.

grebnitzkii, *Sib.* '38, 290.—*dist.* '38, 290.

holboellii, *Greenl.* '33, 135.

islandus (*Iceland Falcon), *Ice.* '38, 576^a, '40, 438^a.

jugurtha, *Afr.* '38, 288.

longipennis (Little Falcon), *fd.* '38, 693.

mexicanus (*Prairie Falcon), *B. C.* '40, 283^a; *Ill.* '39, 75–76; *Ind.* '36, 77; *Mex.* '35, 251; *Mont.* '36, 360^a; *Ore.* '38, 302^a; *Wash.* '36, 12.—*nid.* '38, 302^a; *misc.* '36, 118^a, '39, 94^a, '40, 262^a.

obsoletus (*Black Gyrfalcon), *Greenl.* '33, 135; *Labr.* '37, 21–22; *Mass.* '40, 432^a; *N. H.* '33, 212; *N. Y.* '40, 401; *Pa.* '35, 243, 247, '39, 437, 438; *Vt.* '37, 548; *Wisc.* '38, 273–274.—*meas.* '40, 401; *tax.* '38, 290.

paulus (*Florida Sparrow Hawk), *Fla.* '31, 247^a, 250.—*misc.* '37, 100.

pealei (Peale's Falcon), *Alas.*, *Ore.*, '39, 152.—*dist.*, *fd.*, '39, 151–152.

peregrinus (*Peregrine Falcon, Duck Hawk), *Arabia.* '37, 405^a; *Australia.* '38, 690^a; *Germ.* '37, 561^a, 563^a, '39, 346^a; *Greenl.* '33, 203.—*behav.* '40, 173, 175; *fd.* '34, 258, '40, 591^a; *hbt.* '37, 561^a, 563^a, '39, 494^a; *incub.* '38, 692^a; *mig.* '35, 222; *nid.* '40, 127; *misc.* '35, 126, '38, 580^a, '39, 94^a, '40, 79^a.

petrophilus, *Mex.* '38, 309.

phalaena (*Desert Sparrow Hawk, Sparrow Hawk, ^bsparverius), *Ariz.* '34, 538^a, '39, 321^b; *Calif.* '34, 538^a, '35, 428^a; *Mont.* '36, 230^a; *N. D.* '35, 183; *S. D.* '34, 538^a; *Utah.* '31, 620, '34, 538^a.—*anat.* '35, 183; *dist.* '35, 428^a; *flight.* '33, 315^a; *misc.* '38, 306^a.

ramenta, *fos.* '37, 230.

richardsoni (Richardson's Pigeon Hawk), *N. J.* '36, 403.

rusticolus, *mig.* '40, 271.

septentrionalis (Aplomado Falcon), *Tex.* '33, 61, '38, 132.—*fd.* '33, 61.

sparverius (*Eastern Sparrow Hawk, Sparrow Hawk), *Ark.* '31, 237; *Den.* '33, 203; *Fla.* '31, 250, '37, 100, '40, 404^a; *Ia.* '38, 669; *Mex.* '30, 237; *Mich.* '34, 25, '40, 439^a; *Nev.* '36, 210; *N. J.* '31, 426^a, '36, 394^a, 401^a, 403; *N. Y.* '39, 474; *O.* '31, 367, '37, 326; *Pa.* '34, 20, '35, 243, 248, '39, 435–438; *S. C.* '35, 470; *Wash.* '36, 134; *Wisc.* '38, 669.—*anat.* '31, 118; *fd.* '32, 378, '38, 669, '39, 474, '40, 133^a; *hbt.* '38, 143^a, 523,

- '40, 175, 434^a; *mig.* '34, 25, '35, 243, 248, '36, 397^a, 403, '39, 435^a, 437; *pellets*, '38, 190, 669; *wt.* '31, 573, '37, 326, '38, 442, 516; *wing area*, '38, 516; *misc.* '31, 543^a, '36, 72^a, 188, '39, 94^a, '40, 126^a, 203, 262^a, 434^a.
- subaeson*, *dist.* '35, 203.
- subbuteo* (^aHobby, ^bHypotriorchis), *fd.* '34, 258; *hbt.* '33, 463, '34, 124, '40, 133^a, 175; *mig.* '35, 222; *syst.* '31, 306-307^b; *misc.* '32, 265, '36, 476.
- suckleyi* (Black Pigeon Hawk), *B. C.* '35, 79-80, 305-307, '38, 525-527.—*fd.* '35, 79; *hbt.* '38, 526; *plm.* '38, 527; *tax.* '35, 305-307, 481.
- tinnunculus* (^aKestrel, ^bCerchneis), *Nor.* '36, 124.—*biol.* '35, 351; *egg.* '40, 56^a; *fd.* '31, 642, '34, 416, 417^b; *hbt.* '38, 523; *incub.* '40, 56^a, 58^a; *mig.* '35, 222; *tax.* '34, 274; *misc.* '35, 351, '39, 94^a.
- uralensis*, *dist., tax.*, '38, 290.
- vespertinus* (Western Red-legged Kestrel), *fd.* '34, 258; *misc.* '40, 440.
- Falcon, African Pygmy, see *Polihierax semitorquatus*.
- Altai, see *Falco altaicus*.
- Aplomado, see *Falco septentrionalis*.
- Ernest's Peregrine, see *Falco ernesti*.
- Iceland, see *Falco islandus*.
- Little, see *Falco longipennis*.
- Peale's, see *Falco pealii*.
- Peregrine, see *Falco peregrinus* and *F. anatum*.
- Philippine Pygmy, see *Microhierax erythrogenys*.
- Prairie, see *Falco mexicanus*.
- Siberian Peregrine, see *Falco calidus*.
- falconellus* (*Falco*), see *Falco*.
- Falcones**, *eye*, '38, 237.
- Falconidae**, *eye*, '38, 237; *incub.* '40, 317; *paras.* '40, 517; *tax.* '38, 290; *misc.* '38, 572, '39, 94.
- Falconiformes**, *G. Br.* '39, 485; *Pa.* '39, 429; *Russ.* '38, 290-291.—*egg.* '39, 501; *eye*, '38, 237, 241; *hbt.* '40, 175, 177; *incub.* '40, 58; *mig.* '39, 429; *nid.* '38, 199; *paras.* '37, 505, '40, 517; *pter.* '38, 690, '39, 409; *misc.* '37, 567.
- Falconry**.
- Craighead, F. and J., '40, 261-263 (rev.).
- Schenk, J., '40, 593 (rev.).
- falkensteini (*Cinnyris*), see *Cinnyris*.
- Falkland Islands**.
- Bennett, A. G., '39, 200 (rev.).
- Hamilton, J. E., '37, 412 (rev.).
- falklandicus (*Cistothorus*), see *Cistothorus*.
- (*Heteropryon*), see *Pachyptila*.
- (*Pachyptila*), see *Pachyptila*.
- Falla**, Robert Alexander.
- Wild life in New Zealand (rev.), '40, 126.
- familiaris (*Aedon*), see *Aedon*.
- (*Cercomela*), see *Cercomela*.
- (*Certhia*), see *Certhia*.
- fannini (*Ardea*), see *Ardea*.
- Pantail, see *Rhipidura*.
- Black and White, see *Rhipidura nigritorquis*.
- Rufous, see *Rhipidura rufifrons*.
- fantiensis (*Eremomela*), see *Eremomela*.
- Fargo**, William Gilbert.
- Song sparrows of Michigan, '32, 208-211.
- Snowy egret in southern Michigan, '37, 200-201.
- fargoi (*Coryphospingus*), see *Coryphospingus*.
- (*Phacellodomus*), see *Phacellodomus*.
- Farley**, Frank LeGrange.
- Nesting of the greater yellow-legs (*Totanus melanoleucus*) in Alberta, '31, 261-263.
- Birds of the Battle Creek region [Alberta] (rev.), '32, 504.
- [Stilt sandpipers nesting in Manitoba], '37, 574.
- Additions to the avifauna of Churchill, Manitoba (rev.), '40, 432.
- Birds observed at Churchill, Manitoba, spring and summer 1938 (rev.), '40, 432.
- Farley**, John Austin, 1860-1930.
- Obituary, '31, 85.
- fasciata (*Chamaea*), see *Chamaea*.
- (*Columba*), see *Columba*.
- (*Nyctale*), see *Strix chacoensis*.
- (*Rallina*), see *Rallina*.
- (*Turnix*), see *Turnix*.
- fasciatus (*Accipiter*), see *Accipiter*.
- (*Hieraaëtus*), see *Hieraaëtus*.
- (*Limnodromus*), see *Limnodromus*.
- (*Myiophobus*), see *Myiophobus*.
- (*Spinus*), see *Spinus*.
- fasciopygialis (*Centropus*), see *Centropus*.
- fastuosus (*Epimachus*), see *Epimachus*.
- faustinoi (*Leucotreron*), see *Leucotreron*.
- (*Neoleucotreron*), see *Leucotreron*.
- faxonii (*Hylocichla*), see *Hylocichla*.
- fedoa (*Limosa*), see *Limosa*.
- femoralis (*Microrax*), see *Microrax*.
- (*Phalacrocorax*), see *Microrax*.
- Fenn**, Roger C.
- Red-headed woodpecker nesting in New Hampshire, '40, 254.
- Ferdinand**, King of Bulgaria.
- [Biography and Museum], '31, 643.
- [Biographical; portrait], '31, 645.
- Ferguson**, M. S.
- Notes on the relation of the European

- starling to other species of birds, '36, 87-88.
ferina (Nyroca), see Nyroca.
fernandensis (Falco), see Falco.
fernandinae (Teretistris), see Teretistris.
fernandonis (Orthotomus), see Orthotomus.
ferocior (Myiarchus), see Myiarchus.
ferox (Aquila), see Aquila.
 — (Buteo), see Buteo.
ferrarius (Garrulax), see Garrulax.
ferreirostris (Chaunoproctus), see Chaunoproctus.
ferruginea (Microsittace), see Microsittace.
festae (Ramphocelus), see Ramphocelus.
festiva (Amazona), see Amazona.
 — (Henicorhina), see Henicorhina.
fidelis (Monasa), see Monasa.

Field Identification.

- Griscom, L., '36, 238-239 (rev.), '39, 333.
 Nicholson, E. M., '32, 118-120 (rev.).
 Peterson, R. T., '34, 407-408 (rev.), '39, 348-349 (rev.).
 Whitlock, F. L., '39, 501 (rev.).
Fieldfare, see *Arceuthornis pilaris*.
Figgins, Jesse Dade.
 [Personal mention], '36, 260.
figginsi (Uropelia), see Uropelia.
Finch, Aleutian Rosy, see *Leucosticte griseonucha*.
Argentine Red-crested, see *Coryphospingus araguira*.
Azara's Ground, see *Emberizoides herbicola*.
Banded, see *Steganopleura bichenovii*.
Black, see *Melopyrrha nigra*.
Bramble, see *Fringilla montifringilla*.
Brown-capped Rosy, see *Leucosticte australis*.
California Purple, see *Carpodacus californicus*.
Cassin's Purple, see *Carpodacus cassinii*.
Chestnut-breasted, see *Donacola castaneothorax*.
Chestnut-eared, see *Taeniopygia castanotis*.
David's Beautiful, see *Carpodacus argyrophrys*.
Eastern Purple, see *Carpodacus purpureus*.
Grasshopper, see *Myospiza humeralis*.
Gray-crowned Rosy, see *Leucosticte tephrocotis*.
Gray-throated Warbling, see *Poospiza assimilis*.
Green, see *Chloris chloris*.
Guadalupe House, see *Carpodacus amplus*.

- Hepburn's Rosy*, see *Leucosticte littoralis*.
Holt's Saffron, see *Sicalis holti*.
House, see *Carpodacus frontalis*, and *C. mexicanus*.
Lady Gould's, see *Poephila gouldiae*.
Masked Grass, see *Poephila personata*.
McGregor's House, see *Carpodacus mcgregori*.
Mexican House, see *Carpodacus mexicanus*.
Olive Ground, see *Embernagra olivaceus*.
Paraguayan Ground, see *Embernagra paraguayensis*.
Parrot, see *Erythrura*.
Pectoral, see *Donacola pectoralis*.
Pileated, see *Coryphospingus pileatus*.
Purple, see *Carpodacus purpureus*.
Red-browed, see *Aegintha temporalis*.
Rose, see *Pyrrhospiza punicea*.
Royal Parrot, see *Erythrura regia*.
Saffron, see *Sicalis flaveola*.
Screaming, see *Sporophila caerulescens*.
Sierra Nevada Rosy, see *Leucosticte dawsoni*.
Snow, see *Montifringilla nivalis*.
Thick-billed Seed, see *Oryzoborus crassirostris*.
White-breasted Warbling, see *Poospiza melanoleuca*.
Yellow-bellied Ground, see *Pseudochloris aureiventris*.
Zebra, see *Taeniopygia castanotis*.
finitimum (Todiostrom), see *Todiostrom*.
Finland.
 Ahlqvist, H., '39, 352 (rev.).
 Bergman, G., '39, 492 (rev.).
 Bergroth, S., and Bruun, H., '40, 125 (rev.).
 Bodenstein, G., and Schütz, E., '38, 145 (rev.).
 Fabricius, E., '38, 691 (rev.).
 Granit, O., '39, 102 (rev.).
 Hortling, I. J., '31, 145 (rev.), '32, 252-253 (rev.).
 Kalela, O., '39, 104 (rev.).
 Kumari, E., '39, 496 (rev.).
 Paatela, J. E., '39, 106 (rev.).
 Palmgren, P., '33, 245-246 (rev.), '37, 566 (rev.), '40, 275 (rev.).
 Pease, H. J. R., '38, 578 (rev.).
 Ruthke, P., '39, 107 (rev.), 359 (rev.).
 Sits, E., '37, 568 (rev.), '38, 698 (rev.).
Finlayson, H. H.
 On the occurrence of a fossil penguin in Miocene beds in South Australia (rev.), '39, 202.
finschi (Amazona), see Amazona.

Firetail, Red-eared, see *Zonaeginthus ocellatus*.

fischeri (Agapornis), see *Agapornis*.

— (Linura), see *Linura*.

— (Mirafr), see *Mirafr*.

Fish and Wildlife Service.

[Organization], '40, 442.

Fisher, Albert Kenrick.

[Retirement from Biological Survey and appointment as Zoological Collaborator, U. S. National Museum], '31, 649.

[Obituary of] John Cristopher O'Connor, '34, 135.

[Praised in Congress], '34, 138.

[Obituary of] Franklin Brandreth, '34, 432-433.

Erratum [in obituary of Franklin Brandreth], '34, 567.

In memoriam: William Harry Bergtold, '37, 1-11.

Long-tailed jaeger observed on the Bear River Marshes, Utah, '37, 389-390.

In memoriam: George Bird Grinnell, '39, 1-12.

[Obituary of] James Columbus Neely, '39, 363.

[Obituary of] Arthur Camp Stanley, '40, 599.

Fisher, A. K., and Wetmore, A.

Report on birds recorded by the Pinchot Expedition of 1929 to the Caribbean and Pacific (rev.), '32, 130.

Fisher, Elizabeth Wilson, —1939.

Obituary, '40, 148.

Fisher, Harvey Irvin.

Pterylosis of the black vulture, '39, 407-410.

Fisher, H. I., and Miller, A. H.

see Miller and Fisher.

Fisher, James.

The world distribution and numbers of breeding gannets (rev.), '40, 271.

The status of the fulmar in the British Isles (rev.), '40, 588.

Fisher, Richard Thornton, 1876-1934.

Obituary, '35, 67.

fisherella (*Melospiza*), see *Melospiza*.

fisheri (*Ammospiza*), see *Ammospiza*.

— (*Glaucidium*), see *Glaucidium*.

— (*Passerherbulus*), see *Ammospiza*.

flabellifera (*Rhipidura*), see *Rhipidura*.

flabelliformis (*Cacomantis*), see *Cacomantis*.

Flamingo, see *Phoenicopterus roseus* and *P. ruber*.

Chilean, see *Phoenicopterus chilensis*.

Greater, see *Phoenicopterus roseus*.

Ruddy, see *Phoenicopterus ruber*.

flammea (*Acanthis*), see *A. linaria*.

— (*Carduelis*), see *Carduelis*.

— (*Pinicola*), see *Pinicola*.

— (*Strix*), see *Asio flammeus*.

flammeola (*Scops*), see *Otus*.

flammeolus (*Otus*), see *Otus*.

flammeus (*Asio*), see *Asio*.

— (*Pyrocephalus*), see *Pyrocephalus*.

flammiceps (*Myiophobus*), see *Myiophobus*.

— (*Pyromelana*), see *Pyromelana*.

flammulata (*Asthenes*), see *Asthenes*.

flammulatus (*Attila*), see *Attila*.

flava (*Budytes*), see *Budytes*.

— (*Campephaga*), see *Campephaga*.

— (*Motacilla*), see *Motacilla*.

— (*Piranga*), see *P. dextra*.

flaveola (*Coereba*), see *Coereba*.

— (*Sicalis*), see *Sicalis*.

flaveolus (*Platycercus*), see *Platycercus*.

flavescens (*Empidonax*), see *Empidonax*.

flaviceps (*Auriparus*), see *Auriparus*.

flavicollis (*Dupetor*), see *Dupetor*.

— (*Mixornis*), see *Mixornis*.

— (*Yuhina*), see *Yuhina*.

flavicrissus (*Saltator*), see *Saltator*.

flavidior (*Myiarchus*), see *Myiarchus*.

flavifrons (*Lanivireo*), see *Vireo*.

— (*Tanagra*), see *Tanagra*.

— (*Vireo*), see *Vireo*.

flavigaster (*Xiphorhynchus*), see *Xiphorhynchus*.

flavicularis (*Cisticola*), see *Cisticola*.

flavipes (*Alseonax*), see *Alseonax*.

— (*Totanus*), see *Totanus*.

flavirostre (*Nettion*), see *Nettion*.

flavirostris (*Monasa*), see *Monasa*.

flavitarus (*Alseonax*), see *Alseonax*.

flaviventris (*Chlorocichla*), see *Chlorocichla*.

— (*Emberiza*), see *Emberiza*.

— (*Empidonax*), see *Empidonax*.

— (*Manacus*), see *Manacus*.

flavogaster (*Elaenia*), see *Elaenia*.

flavovirens (*Chlorospingus*), see *Chlorospingus*.

— (*Phylloscartes*), see *Phylloscartes*.

flavoviridis (*Vireo*), see *Vireo*.

— (*Vireosylva*), see *Vireo*.

Fleay, D. H.

Nesting habits of the brush-turkey (rev.), '37, 407-408.

Fledging Period.

Moreau, R. E., and Moreau, Winifred M., '40, 313-325.

Fleetwood, Raymond J.

Harris's sparrow in Elkhart Co., Indiana, '33, 225-226.

Western Henslow's sparrow wintering in Indiana, '34, 388.

Fleming, James Henry, 1872-1940.

A new genus and species of flightless

- duck from Campbell Island (rev.), '35, 479.
- Eastern mockingbird (*Mimus polyglottos polyglottos*) at Toronto, Ontario, '36, 340.
- [Note on his ornithological collection], '36, 376.
- Fleming, J. H., and Snyder, L. L.**
On *Melospiza melodia* in Ontario (rev.), '40, 271.
- flemingi* (*Dendragapus*), see *Dendragapus*.
- flexipes* (*Geranospiza*), see *Geranospiza*.
- Flicker, see *Colaptes auratus* and *C. luteus*.
- Guadalupe, see *Colaptes rufipileus*.
- Guatemalan, see *Colaptes mexicanoides*.
- Mexican Red-shafted, see *Colaptes mexicanus*.
- Northern, see *Colaptes luteus*.
- Northwestern, see *Colaptes saturator*.
- Red-shafted, see *Colaptes collaris*.
- Southern, see *Colaptes auratus*.
- Flight of Birds.**
- Aaron, S. F., '38, 298 (rev.).
- Allard, H. A., '34, 84.
- Allen, F. H., '39, 291-303, '40, 443.
- Aymar, G. C., '36, 236-237.
- Beebe, W., '38, 689 (rev.).
- Bunnell, S., '31, 153 (rev.).
- Cooke, May T., '33, 309-316, '38, 146-147 (rev.).
- Gladkov, N. A., '38, 692 (rev.).
- Horton-Smith, C., '39, 96-97 (rev.).
- Kip, H. Z., '33, 143 (rev.).
- McClanahan, R. C., '38, 273.
- McIlhenny, E. A., and Osborn, Rosemary McL., '38, 521.
- Mullen, R. A., '33, 374-375.
- Pettingill, O. S., Jr., '37, 241.
- Pickens, A. L., '35, 149-153.
- Poncy, R., '40, 275 (rev.).
- Roberts, T. S., '36, 339.
- Sprunt, A., Jr., and Murray, J. J., '36, 77.
- Stolpe, M., and Zimmer, K., '39, 207 (rev.), 360 (rev.).
- Stresemann, E., and Zimmer, K., '33, 149 (rev.).
- Weiser, C. S., '33, 92-93.
- Wellman, G. B., '33, 112.
- Westover, M. F., '32, 507 (rev.).
- White, F. B., '33, 236.
- Williams, A. B., '40, 255.
- Wilson, K. A., '38, 196-197.
- Wood, H. B., '33, 452-453.
- Woodcock, A. H., '40, 219-224.
- Worth, C. B., '35, 442.
- florenceae* (*Saucerottia*), see *Saucerottia*.

Florida.

- Allen, A. A., and Kellogg, P. P., '37, 164-184.
- Allen, E. R., '40, 124 (rev.).
- Allen, R. P., '35, 77-78, 198-200.
- Baynard, O. E., '32, 97-98.
- Beard, D. B., '39, 99 (rev.), 327-329.
- Betz, Mrs. H., '32, 478.
- Blatchley, W. S., '32, 122-123 (rev.).
- Brodkorb, P., '31, 270.
- Brooks, A., '32, 94-95.
- Broun, M., '35, 311, 320-321.
- Burleigh, T. D., '38, 520-521, '40, 125 (rev.).
- Burleigh, T. D., and Lowery, G. H., Jr., '40, 574-575.
- Butler, A. W., '31, 436-439, '34, 89.
- Cahalane, V. H., '40, 284-291.
- Chapman, F. M., '31, 116, '40, 225-228.
- Christy, B. H., '40, 404-405.
- Davis, D. E., '40, 571.
- Demeritt, W. W., '36, 453.
- Desmond, T. C., '39, 329.
- DuMont, P. A., '31, 246-255, '32, 220-221, 236-237.
- Eliot, S. A., Jr., '36, 346-347.
- Eliot, S. A., Jr., and Loetscher, F. W., Jr., '35, 462-463.
- Ford, E. R., '36, 210, 219.
- Grimes, S. A., '31, 602-603, '35, 315-316, '36, 439, 478-480.
- Hallman, R. C., '40, 574.
- Harper, F., '36, 381-392.
- Havemeyer, H. O., '33, 370.
- Herman, W. C., '31, 332-333.
- Hiatt, B. C., '33, 100.
- Holt, E. G., '33, 207-208.
- Howell, A. H., '32, 240-242 (rev.).
- Howell, J. C., '35, 79, 82, 89, 188, '37, 99, 102, 296-299.
- Jones, J. C., '40, 246-247, 255, 257.
- Kuerzi, J. F., '31, 114-116.
- Kuerzi, R. G., '39, 104 (rev.).
- Lewis, Mary F. W., '40, 590 (rev.).
- Lincoln, F. C., '33, 218, '37, 391.
- Longstreet, R. J., '34, 97-99, '36, 99-100.
- Maslowski, K. H., and Kocj, P., '40, 436 (rev.).
- Mason, C. R., '40, 129 (rev.).
- May, J. B., '35, 180.
- McClanahan, R. C., '35, 187, '36, 217, '37, 392, 532-533.
- Mitchell, Catharine A., '31, 259.
- Moore, Louise C., and Bates, Clara, '40, 129 (rev.).
- Murphy, R. C., and Vogt, W., '33, 332-333.
- Murray, J. J., and Sprunt, A., Jr., '38, 531.

- Nichols, D. G., '34, 400-401, '36, 347-348, '40, 128 (rev.).
 Nichols, J. T., '35, 300.
 Nicholson, D. J., '31, 428-429, '32, 95, '34, 380, 389.
 Nicholson, W. H., '33, 429, '34, 83-84, '36, 318-319.
 Pangburn, C. H., '35, 198, '37, 574.
 Pennock, C. J., '31, 607-609.
 Peters, H. S., '40, 105.
 Phillips, C. L., '33, 225, '39, 498 (rev.).
 Pike, E. R., '31, 423-424, 595-596.
 Reimann, E. J., '38, 524-525, 540, '40, 131 (rev.).
 Ruff, F. J., '40, 405-406.
 Semple, J. B., '32, 337-339, '36, 341, '37, 391, 530.
 Shainin, V. E., '40, 256.
 Sprunt, A., Jr., '32, 357, '34, 265, '36, 203, 209, 325, '37, 99, 100, 207-208, 531-532, '38, 523-524, 532-533, 671-672, '39, 181, 330-331, 335-336, 336, '40, 131 (rev.), 251-252, 563, 564-565.
 Stimson, L. A., '40, 132 (rev.).
 Stoddard, H. L., and Beadel, H. L., '39, 76.
 Stone, W., '34, 525.
 Townsend, C. W., '31, 609-610.
 Vogt, W., '39, 217.
 Weber, J. A., '40, 405.
 Weston, F. M., '31, 442-443, '32, 484-485, 486, 488, '33, 215-216, '34, 82-83, 96-97, '36, 445, '39, 192-193, '40, 422.
 Weston, F. M., and McClanahan, R. C., '37, 536.
 Wetmore, A., '31, 462 (rev.), '33, 356, '35, 300.
 Worth, C. B., '38, 536.
Florida caerulea (Little Blue Heron).
Ala. '33, 369, '35, 463; *Ark.* '36, 350*; *Br. Guiana,* '39, 470*; *Fla.* '32, 236*, '36, 100*, 347, '37, 530; *Ga.* '33, 352*; *Ill.* '32, 78; *La.* '33, 350*, '36, 439-440; *Me.* '31, 422*, '37, 382, '38, 550; *Md.* '39, 251*; *Mich.* '31, 114, '37, 201; *N. H.* '35, 96; *N. J.* '34, 368, '40, 106; *N. Y.* '34, 78, '39, 469-470; *N. C.* '33, 232, '37, 452; *O.* '31, 112*, '34, 401, '37, 227*; *Pa.* '31, 113, 259, '34, 230; *S. C.* '31, 594*, '37, 530-531; *Tex.* '38, 64; *V. I.* '38, 553; *Va.* '31, 112*, '34, 510, '37, 461, '39, 251*; *W. Va.* '34, 226, 248; *Wisc.* '34, 511, 533.—*egg,* '31, 594*; *fd.* '36, 440*, '38, 567*; *hbt.* '37, 531; *plm.* '40, 106; *wt.* '38, 516; *wing area,* '38, 516; *misc.* '36, 322*, '38, 518*.
caerulescens (Southern Little Blue Heron, West Indian Blue Heron),
Antigua, '34, 355; *Haiti,* '34, 501.—*fd.* '34, 355; *hbt.* '34, 501.
floridana (Richmondia), see Richmondia.
 — (Speotyto), see Speotyto.
floridanus (Ammodramus), see Ammodramus.
 — (Colinus), see Colinus.
 — (Megascops), see Otus.
 — (Otus), see Otus.
 — (Phalacrocorax), see Phalacrocorax.
 — (Puffinus), see P. Iherminieri.
florincola (Cyanocitta), see Cyanocitta.
Florisuga mellivora (Jacobin), *hbt.* '37, 137.
Flory, C. M.
 Little blue heron (*Florida caerulea caerulea*) in Wisconsin, '34, 511.
Flouer, George Frank.
 Yellow rail in West Virginia, '40, 413-414.
floweri (Pterocles), see Pterocles.
Fluvicola climasura (Courier Water-Tyrant), *misc.* '35, 485.
pica (White-shouldered Water-Tyrant), *Pan.* '35, 326.
 Flycatcher, Acadian, see Empidonax virescens.
 Alder, see Empidonax traillii.
 Arizona, see Myiarchus magister.
 Arizona Crested, see Myiarchus magister.
 Ash-throated, see Myiarchus cinerascens.
 Black-capped, see Empidonax atriceps.
 Bran-colored, see Myiophobus fasciatus.
 Buff-breasted, see Empidonax pygmaeus.
 Coues's, see Myiochanes pallidiventris.
 Crested, see Myiarchus crinitus.
 Derby, see Pitangus derbianus.
 D'Orbigny's Crested, see Elaenia albiceps.
 Elise's, see Xanthopygia elisae.
 Fork-tailed, see Muscivora tyrannus.
 Fulvous-breasted, see Empidonax affinis.
 Giraud's, see Myiozetetes texensis.
 Gray, see Empidonax griseus and Muscivora griseola.
 Gray Fantail, see Rhipidura flabellifera.
 Gray-headed, see Rhynchocyclus cinereiceps.
 Great Crested, see Myiarchus boreus.
 Hammond's, see Empidonax hammondi.
 Lawrence's Bent-billed, see Oncostoma olivaceum.
 Least, see Empidonax minimus.

- Little, see *Empidonax brewsteri*.
 Mexican Crested, see *Myiarchus nelsoni*.
 Northern Crested, see *Myiarchus boreus*.
 Northern Tody, see *Todirostrum cinereum*.
 Olivaceous, see *Myiarchus olivaceus*.
 Olive-sided, see *Nuttallornis mesoleucus*.
 Paradise, see *Terpsiphone perspicillata*.
 Pied, see *Muscivora hypoleuca*.
 Royal, see *Onychorhynchus fraterculus*.
 Rufous-chested, see *Leptopogon inca*.
 Salvin's, see *Empidonax salvinii*.
 San Lucas, see *Empidonax cineritius*.
 Scissor-tailed, see *Muscivora forficata*.
 Shining, see *Piezorhynchus aleo*.
 Sinaloa, see *Empidonax culiacani*.
 Southern Crested, see *Myiarchus cineritius*.
 Spotted, see *Muscivora griseola*.
 Striped, see *Legatus leucophaius*.
 Sulphur-bellied, see *Myiodynastes swarthi*.
 Swainson's, see *Myiochanes pertinax*.
 Tody, see *Todirostrum finitimum*.
 Traill's, see *Empidonax brewsteri*.
 Tricolor, see *Xanthopygia xanthopygia*.
 Vermilion, see *Pyrocephalus mexicanus* and *P. rubinus*.
 Western, see *Empidonax difficilis*.
 Western Alder, see *Empidonax brewsteri*.
 Wright's, see *Empidonax wrighti*.
 Yellow-bellied, see *Empidonax flaviventris*.
 Yellow-vented Crested, see *Elaenia flavogaster*.
Forbes, Henry Stone.
 Cardinal at Milton, Mass., in winter, '36, 221.
Forbes, John Ripley.
 Recent observations on the Greenland wheatear, '38, 492-495.
Forbes, Leila Gay, and Clark, A. H.
 see Clark and Forbes.
Forbes, Stephen Alfred, 1845-1930.
 Obituary, '31, 85.
forbesi (*Megalurus*), see *Megalurus*.
Forbush, Edward Howe, 1858-1929, and May, J. B.
 Natural history of the birds of eastern and central North America (rev.), '40, 266-267.
Ford, Edward Russell.
 Note on Kirtland's warbler, '31, 276.
 Summer bird associations on Great Lakes islands, '32, 235-236.
 Rufous-necked sandpiper nesting in Alaska, '34, 232.
 Cuban snowy plover (*Charadrius n. tenuirostris*) in Wisconsin, '36, 79.
 Arkansas kingbird (*Tyrannus verticalis*) in Wisconsin, '36, 83.
 The western pigeon hawk in Louisiana, Florida and Illinois, '36, 210.
 Kittlitz's murrelet breeding at Wales, Alaska, '36, 214-215.
 Unusual nest site of the loggerhead shrike (*Lanius ludovicianus ludovicianus*), '36, 219.
 The golden-crowned sparrow in Illinois, '36, 223.
 Notes from the lower Rio Grande Valley, '38, 132-134.
 [Obituary of] William Isaac Lyon, '39, 210-211.
 [Obituary of] William Derrick Richardson, '39, 503.
 [Obituary of] Joseph Simons, '39, 503-504.
Ford, E. R., Sanborn, C. C., and Cour- sen, C. B.
 Birds of the Chicago region (rev.), '34, 545.
Fordyce, George Lincoln, 1860-1931.
 Obituary, '31, 647-648, '32, 69.
forficata (*Muscivora*), see *Muscivora*.
forficatus (*Edolius*), see *Edolius*.
 — (*Elanoides*), see *Elanoides*.
Formicariidae, '38, 689.
Formicarius, tax. '32, 133.
analisis (Panama Ant-thrush), song, '34, 8.
rufuspectus, C. R. '33, 300.
Formicivora alticincta, dist. '36, 317.
deluzae, dist. '36, 317.
fumosa, dist. '36, 317.
grisea, dist., tax., '36, 316-317.
hondae, dist. '36, 317.
intermedia, dist., tax., '36, 316-317.
orenocensis, dist., tax., '36, 316-317.
rufiventris, Venez. '36, 316—*
descr., dist., tax., '36, 316-317.
tobagensis, dist. '36, 317.
formicivora (*Balanosphyra*), see *Balanosphyra*.
Formosa.
 Taka-Tsukasa, Prince, and Kano, T., '40, 439 (rev.).
 Yamashina, Marquis, '38, 699 (rev.), '39, 361 (rev.).
formosum (*Nettion*), see *Nettion*.
formosus (*Oporornis*), see *Oporornis*.
Forpus conspicillatus, disease, '40, 332.
cyanopygius (*Psittacula, insularis*), *Tres Marias, '39, 70—meas. '39, 70; nomen, '39, 70^{be}.*

- lutescens*, *Mex.* '39, 70*.—*descr.*, *dist.*, '39, 70.
passerinus, *disease*, '40, 332.
spengeli, *disease*, '40, 332.
forreri (Vireo), see Vireo.
Forster, Alma.
 Worm-eating warbler in Maine, '36, 88-89.
forsteri (Aptenodytes), see *A. excelsior*.
 — (Sterna), see *Sterna*.
fortior (Sitta), see *Sitta*.
fortirostris (Holoquiscalus), see *Holoquiscalus*.
fortis (Agelaius), see *Agelaius*.
Fortner, Harry Cadwallader, **Smith**, W. P., and **Dole**, E. J.
 A list of Vermont birds (rev.), '33, 456-457.
Fossil Birds. (See also Prehistoric Birds.)
 Chapin, J. P., '37, 406-407 (rev.).
 Finlayson, H. H., '39, 202 (rev.).
 Howard, Hildegard, '32, 134 (rev.), '33, 137 (rev.), 382 (rev.), '35, 481 (rev.), '36, 118 (rev.), 245 (rev.), '38, 693 (rev.), '40, 272 (rev.).
 Lambrecht, K., '34, 261-263 (rev.), '35, 361 (rev.).
 Lowe, P. R., '32, 382 (rev.), '34, 110 (rev.), '35, 347-348 (rev.), '39, 497 (rev.).
 Miller, A. H., '32, 38-41, 132 (rev.), 382 (rev.).
 Miller, A. H., and Compton, L. V., '40, 129 (rev.).
 Miller, L. H., '31, 463 (rev.), '33, 144 (rev.), 380 (rev.), '35, 344 (rev.), '38, 695 (rev.), '40, 592 (rev.).
 Miller, L. H., and Howard, Hildegard, '38, 695 (rev.).
 Orr, R. T., '40, 105.
 Ross, R. C., '35, 480 (rev.).
 Shaw, T. H., '35, 480 (rev.), '38, 292 (rev.), 580 (rev.).
 Sibley, C., '39, 499 (rev.).
 Stegmann, B., '38, 581 (rev.).
 Sternberg, R. M., '40, 276 (rev.).
 Stock, C., '32, 258-259 (rev.).
 Stolpe, M., '35, 222 (rev.).
 Wetmore, A., '31, 148 (rev.), 452 (rev.), 462 (rev.), 463 (rev.), '32, 384 (rev.), '33, 212, 213-214, 382 (rev.), '34, 271 (rev.), 272 (rev.), '35, 75-76, 215 (rev.), '37, 230 (rev.), '38, 583 (rev.), '39, 110 (rev.), 501 (rev.), '40, 595 (rev.).
 Wetmore, A., and Case, E. C., '35, 215 (rev.).
 Wiman, C., '38, 311-312 (rev.).
Foster, Frank Brisbin.
 Returns from banded mallards, '32, 216.

- Terns near Phoenixville, Pa., '33, 359-360.
Foudia minor, *Mad.* '31, 468.
 Fowl, see *Gallus domesticus*.
 Domestic, see *Gallus domesticus*.
 Jungle, see *Gallus gallus*.
 Red Jungle, see *Gallus gallus*.
 Vulturine Guinea, see *Acryllium vulturinum*.
 White-breasted Guinea, see *Agelastes meleagrides*.
Fowler, Henry Weed.
 see Stone, W., 'The birds of Honduras with special reference to a collection made in 1930 by John T. Emlen, Jr., and C. Brooke Worth' (rev.), '32, 502-503.
Fox, Adrian Caspar.
 [Injury feigning by birds], '36, 367.
 Prairie sharp-tailed grouse budding on wild plum, '37, 534-535.
 Ruffed grouse budding on western serviceberry, '40, 109.
 New food habit for common redpoll, '40, 118.
Fox, William Henry, 1857-1921.
 Obituary, '35, 493.
foxi (Limosa), see *Limosa*.
fragilis (Buteo), see *Buteo*.
 — (Geranoaëtus), see *Buteo*.
France.
 Bourdelle, E., '39, 100 (rev.).
 Carpentier, C. J., and Eblé —, '40, 587 (rev.).
 Delapchier, L., '40, 585-586 (rev.).
 Labitte, A., '40, 590 (rev.).
 Laurent, G., and Mouillard, B., '40, 590 (rev.).
 Legendre, M., '39, 104 (rev.).
 Mayaud, N., '37, 105 (rev.), '39, 105 (rev.), '40, 129 (rev.), 591 (rev.).
 Menegaux, A., '33, 242 (rev.), '35, 111 (rev.), '38, 688 (rev.), '39, 349 (rev.).
 Meylan, O., '37, 565 (rev.), '39, 105 (rev.).
 Olivier, G., '39, 106 (rev.).
 Tristan, Marquis de, '40, 132 (rev.).
 Vogüé, G. de, and Jouard, H., '39, 109 (rev.).
francesi (Accipiter), see *Accipiter*.
franciae (Agyrtria), see *Agyrtria*.
 — (Agyrtrina), see *Agyrtria*.
francica (Collocalia), see *Collocalia*.
franciscana (Pyromelana), see *Pyromelana*.
 Francolin, see *Francolinus francolinus* and *F. pintadeanus*.
 Handsome, see *Francolinus nobilis*.
Francolinus capeki, *fos.* '34, 262.
cavei, *Afr.* '40, 435.
chapini, *Afr.* '35, 219.

- dewittei, Congo, '38, 299.
francolinus (*Black Partridge, Francolin), *Corsica* (?), '40, 129^a.—*avic.* '39, 493-494.
gurae, E. Afr. '31, 645.
lynesi, Congo, '32, 511.
nobilis (Handsome Francolin), *misc.* '35, 484.
phayrei (^bphayeri), *tax.* '39, 345^b.
pintadeanus (Francolin), *P. I.* '38, 203.—*hbt.* '38, 203; *nid.* '38, 203; *tax.* '39, 345.
pondicerianus (Indian Grey Partridge), *avic.* '39, 493-494.
stantoni, Sudan, '40, 587.
zungwensis, Tanganyika, '32, 128.
francolinus (Francolinus), see Francolinus.
Frank, Fritz.
 Die Färbung der Vogelfeder durch Pigment und Struktur (rev.), '40, 126.
Franke, Hans.
 Aus dem Leben der Beutelmehse (rev.), '37, 561.
franklini (Canachites), see Canachites.
 — (Larus), see L. pipixcan.
frantzii (Catharus), see Catharus.
Franz, Jost.
 Beobachtungen über das Brutleben des Weissrückenspechtes (rev.), '38, 301.
Franzen, Albert John.
 Notes from the Chicago district, '34, 402-403.
Franz-Joseph Land.
 Gorbunow, G., '33, 245 (rev.).
 Grote, H., '38, 692 (rev.).
Fraser, Donald. — 1932.
 Obituary, '34, 70.
frater (Mimus), see Mimus.
Fratercula arctica (*Atlantic Puffin, Puffin), *Acadia*, '40, 81^a; *Atlantic*, '32, 186; *Ice*, '37, 109^a; *Labr.* '37, 35; *Me.* '31, 591; '38, 551; *N. F.* '40, 435^a; *Que.* '32, 219; '36, 359^a; '37, 35; *Scoll.* '40, 435^a.—*age*, '37, 226^a; *alb.* '32, 219; *band.* '40, 435^a; *behav.* '38, 575^a; *dist.* '33, 204; *meas.* '37, 35; *nest.* '37, 35; *wt.* '37, 35; *misc.* '40, 569-570^a.
corniculata (*Horned Puffin), *Ore.* '33, 216^a.
grabae, *dist.* '33, 204.
fraterculus (Auriparus), see Auriparus.
 — (Onychorhynchus), see Onychorhynchus.
Frazar, Marston Abbott, 1860-1925.
 [Collecting trip in Mexico, 1888], '33, 54-58.
frazari (Haematopus), see Haematopus.
Freer, Ruskin Skidmore.
 The dickcissel in Virginia, '31, 127.

- Bachman's sparrow in the Virginia Blue Ridge, '33, 365.
 Yellow-bellied sapsucker breeding in the Virginia Blue Ridge, '33, 437-438.
 Nesting of the prairie horned lark in central Virginia, '33, 438-439.
 Summer records from the Virginia piedmont, '33, 448.
 [Fourth annual meeting of the Virginia Society of Ornithology], '34, 434-435.
 The raven in the Virginia Blue Ridge, '35, 189.
 The birds of Lynchburg, Virginia, and vicinity (rev.), '39, 355.
Freer, R. S., and Murray, J. J.
 The yellow-bellied sapsucker and the ruby-throated hummingbird—commensals?, '35, 187-188.
Fregata, *anat.* '39, 361; *dist.* '40, 130; *hbt.* '40, 130; *nomen.* '38, 305; *misc.* '35, 361.
magnificens (*Man-o'-war-bird, Frigate-bird, brothschildi), *Antigua*, '34, 355^b; *Fla.* '35, 180^a, 198; '36, 99^a; '39, 327-329; *Ga.* '34, 252; *Mex.* '35, 424^a; *N. J.* '36, 95; *N. C.* '38, 130-131; *N. S.* '38, 548; *Okla.* '36, 438; *R. I.* '34, 247; *S. C.* '37, 200; *Tex.* '38, 63; *V. I.* '38, 553.—*behav.* '40, 172, 177; *fd.* '39, 327-329; *hbt.* '39, 327-329; *meas.* '36, 438; *wt.* '36, 438; *misc.* '37, 148, 148^b.
minor, *misc.* '37, 148.
fregata (Procellaria), see Procellaria.
Fregatae, *eye*, '38, 237.
Fregatidae, *eye*, '38, 237.
Fregatta, *mon.* '35, 210; *nomen.* '38, 305.
aquarea (South Atlantic White-fringed Storm Petrel, ^bFreggettornis), *nomen.* '37, 110^b.
deceptis, *misc.* '35, 211.
guttata (^bFreggettornis), *nomen.* '35, 211, 211^b.
melanoleuca (^bFregolla), *tax.* '38, 576, 576^b.
tristanensis (^bFreggettornis), *Inaccessible I.*, '32, 511^b.
tropica (White-bellied Petrel, ^bFreggettornis, ^cgrallaria), *Fla.* '35, 211.—*nomen.* '35, 211^{be}.
Fregilupus varius (*Huppe), *misc.* '40, 126^a.
Fregolla, *tax.* '38, 576.
Freiberger, Wilhelm.
 Die Einrichtungen des planmässigen Vogelschutzes (rev.), '31, 151-152.
Freke, Percy Evans, 1844-1931.
 Obituary, '34, 562-563; '35, 66.
French, Charles Ephraim, 1867-1932.
 Obituary, '33, 83.
French, Daniel Chester, 1850-1931.
 Obituary, '32, 70, 271-272.

fretensis (Belonopterus), see Belonopterus.

Frey, (Mrs.) Edith Krieger.

American egrets in Michigan, '34, 78.

Dowitcher in Michigan, '34, 81.

Golden and black-bellied plovers in Michigan, '34, 519.

Frey, Edward Snively.

Hawk notes from Sterrett's Gap, Pennsylvania, '40, 247-250.

freycinet (Megapodius), see Megapodius.

Friar-bird, Helmeted, see Tropicorhynchus buceroides.

fricki (Ploceus), see Ploceus.

Friedmann, Herbert.

Additions to the list of birds known to be parasitized by the cowbirds, '31, 52-65.

Notes on Sheppardia cyornithopsis with description of a new race (rev.), '31, 150.

A rock thrush new to science from northern Kenya Colony (rev.), '31, 150.

The forms of the white-browed robin-chat, Cossypha heuglini Hartlaub (rev.), '31, 150.

The mourning dove in Alaska, '31, 265.

The geographic variations of Neocichla gutturalis (rev.), '31, 305.

[Obituary of] Jean Dybowski, '31, 327.

Birds collected in the Belgian Congo (rev.), '31, 460.

Social parasitism in birds (rev.), '31, 460.

The northern form of the cardinal dioc, Quelea cardinalis (rev.), '32, 130.

A weaver bird new to science from Urundi (rev.), '32, 130.

The geographic forms of the Somali sparrow (rev.), '32, 130.

The Tanganyikan form of Anthreptes orientalis (rev.), '32, 130.

Observations on the growth rate of the foot in the mound birds of the genus Megapodius (rev.), '32, 130.

Two birds new to science from Great Namaqualand (rev.), '32, 380.

The birds of St. Lawrence Island, Bering Sea (rev.), '32, 380.

The parasitic habit in the ducks, a theoretical consideration (rev.), '32, 380-381.

Notes on the Abyssinian red-capped lark and long-billed pipit (rev.), '33, 139.

On the supposed visual function of the nictitating membrane in the domestic pigeon (rev.), '33, 139.

see Groebels, F., 'Der Vogel' (rev.), vol. 1, '33, 246-247; vol. 2, '38, 135.

see Heinrich, G., 'Der Vogel Schnarch' (rev.), '33, 247.

see Siewert, H., 'Störche. Erlebnisse mit dem schwarzen und weissen Storch' (rev.), '33, 247-248.

A collection of birds from Great Namaqualand, S. W. Africa (rev.), '33, 248.

The Cuban race of the snail kite (rev.), '34, 115.

Thomas Anburey's observations on North American birds, '34, 200-206. Critical notes on American vultures (rev.), '34, 268.

A hawk of the genus Leucopternis new to science, '35, 30.

The instinctive emotional life of birds (rev.), '35, 106-107.

[On hawks of the genus Chondrohierax] (rev.), '35, 113.

[On birds parasitized by cowbirds] (rev.), '35, 113.

[On bird bones from Alaska] (rev.), '35, 113.

[On Wallace's bird of paradise] (rev.), '35, 113.

Bird societies (rev.), '35, 340.

Avian bones from prehistoric ruins on Kodiak Island, Alaska, '35, 341.

The birds of Kodiak Island, Alaska (rev.), '36, 114.

Differential threshold of reaction to vitamin D deficiency (rev.), '36, 114.

A new race of the crested eagle-hawk (rev.), '36, 470.

Additional hosts of the parasitic cowbirds, '38, 41-50.

see Portenko, L. A., 'The bird fauna of the extra-polar part of the North Urals' (rev.), '38, 136.

see Makatsch, W., 'Der Brutparasitismus der Kuckucksvögel, mit besonderer Berücksichtigung von Cuculus canorus L.' (rev.), '38, 138.

Birds collected by the Childs Frick expedition to Ethiopia and Kenya Colony (rev.), '38, 141.

see Stegmann, B., 'Faune de l'USSR. Oiseaux, vol. 1, no. 5, Falconiformes' (rev.), '38, 290-291.

The rôle of the A. O. U. in ornithology today, '38, 316.

The Council of the A. O. U., '38, 586.

Bird bones from archaeological sites in Alaska (rev.), '40, 127.

see Chapin, J. P., 'The birds of the Belgian Congo,' part 2 (rev.), '40, 260.

- Friedmann, H., and Bowen, W. W.**
Geographical variation in the yellow-billed shrike (rev.), '33, 459.
- Friedmann, H., and Clark, A. H.**
Some nesting records from the vicinity of Washington, D. C., '31, 610.
- Friedmann, H., and Davis, M.**
Courtship display of flightless cormorant (rev.), '36, 470.
- "Left-handedness" in parrots, '38, 478-480.
- Friedmann, H., and Deignan, H. G.**
Notes on some Asiatic owls of the genus *Otus*, with description of a new form (rev.), '40, 127.
- Friedmann, H., and Riley, J. H.**
The genus *Cuculus* in North America, '31, 269.
- friedmanni* (*Pogonornis*), see *Pogonornis*.
- Friedrich, George Walter, Hiemenz, N. M., and Voth, R. D.**
see *Hiemenz, Voth and Friedrich*.
- Frigate-bird*, see *Fregata*.
- Fringilla, incub.** '40, 322; *nomen*. '39, 88.
- coelebs* (*Chaffinch), *Afr.* '38, 145^a; *Helg.* '40, 431; *Holl.* '38, 583^a; *Jerusalem*, '33, 181; *N. Z.* '34, 492.—*fd.* '38, 684^a; *hbt.* '33, 259, '34, 178, '36, 474^a, '37, 568^a, '40, 177; *mig.* '32, 129, '38, 583^a; *wt.* '38, 431; *misc.* '39, 201^a.
- montifringilla* (*Brambling, Bramble Finch), *Holl.* '38, 583^a.—*hbt.* '38, 693^a; *mig.* '38, 583^a; *wt.* '40, 438^a; *misc.* '31, 316, 641.
- mortoni*, *misc.* '34, 226.
- sarda*, *Sardinia*, '39, 497.—*tax.* '39, 497.
- Fringillaria dankali**, *Abyssinia*, '35, 219.
- vincenti*, *Afr.* '32, 511.
- Fringillidae**, *Mich.* '40, 270, 277; *Ont.* '38, 298; *Pan.* '39, 309.—*behav.* '40, 169, 171, 173, 177, 520; *disease*, '40, 332; *eye*, '38, 240, 242; *fos.* '39, 499; *mig.* '40, 270, 277; *myol.* '38, 642, 649; *paras.* '40, 517; *song*, '38, 264, 265, 267; *wt.* '38, 653; *misc.* '36, 117, 168, 169, '37, 212, 553, '38, 566, 669, '39, 109, '40, 120.
- Fringillinae**, *disease*, '40, 332; *misc.* '40, 120.
- frontalis* (*Anarhynchus*), see *Anarhynchus*.
- (*Carpodacus*), see *Carpodacus*.
- (*Daphoenositta*), see *Daphoenositta*.
- (*Hirundo*), see *Hirundo*.
- (*Sericornis*), see *Sericornis*.
- frugilegus* (*Corvus*), see *Corvus*.
- Fry, Gladys Gordon, Kuser, C. D., Church, C., and Williams, L.**
Red phalarope in Ocean County, N. J., '31, 597.

- fuciphaga* (*Collocalia*), see *Collocalia*.
- Fuertes, Louis Agassiz, 1874-1927.**
Abyssinian birds and mammals painted from life (rev.), '31, 141.
- see Boulton, R., 'Errata: African vultures', '34, 230.
- [His work compared with that of Audubon], '37, 560 (rev.).
- Fuertes, L. A., and Brooks, A.**
Portraits of New England birds (rev.), '33, 128.
- Fuertes, L. A., and Osgood, W. H.**
Artist and naturalist in Ethiopia (rev.), '37, 105-106.
- fuertesi* (*Buteo*), see *Buteo*.
- (*Tephrocorys*), see *Tephrocorys*.
- Fuguet, Howard**, —1936.
Obituary, '37, 125.
- fulgens* (*Eugenus*), see *Eugenus*.
- (*Passer*), see *Passer*.
- fulgidus* (*Psittichas*), see *Psittichas*.
- Fulica, V. I.** '38, 553.
- americana* (*American Coot, Coot, ^bPoule d'eau), *Acadia*, '39, 287^{ab}, '40, 77^{ab}; *Ala.* '33, 369, '35, 463; *Ark.* '31, 236; *Ill.* '32, 462^a; *Ia.* '39, 36; *La.* '34, 328-337, '36, 439; *Man.* '40, 432^a; *Mass.* '32, 233^a; *Mex.* '35, 424^a; *Minn.* '37, 560^a; *N. C.* '36, 227; *O.* '31, 367; *Pa.* '31, 113^a, '34, 230; *P. R.* '38, 528; *Que.* '37, 23, '39, 204^a; *R. I.* '39, 375^a; *S. C.* '40, 413; *Tex.* '38, 65; *W. Va.* '38, 128, 130.—*band.* '34, 328-337; *blood*, '37, 517; *eye*, '38, 233-235^a; *fd.* '40, 130^a; *nomen*. '40, 77^{ab}; *paras.* '37, 560^a; *wt.* '31, 573, '38, 516; *wing area*, '38, 516; *misc.* '36, 237^a, 241^a, '39, 332^a.
- atra* (*European Coot, Coot), *Ice.* '33, 203.—*fd.* '36, 241-242; *hbt.* '34, 424^a, '39, 499; *paras.* '37, 505; *misc.* '35, 484^a, '36, 247^a, '38, 310^a, '40, 275.
- caribaea* (Caribbean Coot), *Antigua*, '34, 358; *Montserrat*, '39, 194; *P. R.* '38, 528.—*meas.* '34, 358.
- peruviana*, *Peru*, '39, 357.
- Fulica-aletornis venustus** (*Aletornis*), *tax.* '34, 262.
- fulcarius* (*Crymophilus*), see *Phalaropus*.
- (*Phalaropus*), see *Phalaropus*.
- fuliginosa* (*Hylocichla*), see *H. salicicola*.
- (*Schizoeaca*), see *Schizoeaca*.
- fuliginosus* (*Dendragapus*), see *Dendragapus*.
- (*Larus*), see *Larus*.
- (*Pitylus*), see *Pitylus*.
- (*Tanygnathus*), see *Tanygnathus*.
- Fuligula, plm.** '38, 151.
- fuligula* (*Nyroca*), see *Nyroca*.
- Fulix**, '38, 433.
- Fuller, Arthur Bennett.**
Yellow rail at Churchill, Manitoba, '38, 670-671.

- Fuller, A. B., and Bole, B. P., Jr.**
Observations on some Wyoming birds (rev.), '31, 146-147.
- Fulmar, see Fulmarus glacialis.**
Atlantic, see Fulmarus glacialis.
Giant, see Macronectes giganteus.
Silver-gray, see Priocella antarctica.
Slender-billed, see Priocella antarctica.
- Fulmarus, hbt. '40, 175; misc. '37, 416.**
glacialis (*Atlantic Fulmar, Fulmar, Fulmar Petrel), *Atlantic*, '32, 186, '38, 583^a, '39, 285^a; *Engl.* '36, 248, '38, 307^a, 530; *G. Br.* '40, 588^a; *Ice.* '37, 109-110^a; *Labr.* '37, 15-16; *Me.* '36, 74; *Mass.* '39, 326; *N. Y.* '34, 247; *Nor.* '37, 108^a; *Ont.* '37, 200; *Scotl.* '37, 567, '38, 580^a, 685^a; *Wales*, '38, 148^a, '39, 486^a.—*behav.* '40, 174; *dichro.* '37, 16, 109; *disease*, '40, 330-332; *dist.* '33, 201; *egg.* '37, 110^a, '40, 55^a; *fd.* '37, 15, 567, '39, 285^a; *hbt.* '32, 186-187, '36, 320-321^a, '40, 133; *increase*, '40, 588^a; *incub.* '38, 307^a, '40, 50^a, 55^a, 57^a; *life hist.* '37, 567; *nomen.* '40, 75^a; *ost.* '37, 229^a; *paras.* '37, 41; *wt.* '37, 16.
- fulva* (Dendrocygna), see *D. bicolor*.
— (*Petrochelidon*), see *Petrochelidon*.
— (*Sialia*), see *Sialia*.
fulvescens (Catharus), see *Catharus*.
— (*Pyrrhuloxia*), see *P. sinuata*.
— (*Strix*), see *Strix*.
- Fulvetta ludlowi, Bhutan, '35, 348, '37, 415.**
fulvifacies (Abroscopus), see *Abroscopus*.
fulvifrons (Empidonax), see *Empidonax*.
— (*Muscicapa*), see *Empidonax*.
fulvula (Anas), see *Anas*.
fulvipectus (Empidonax), see *Empidonax*.
fulviventris (Leptotila), see *Leptotila*.
fulvus (Gyps), see *Gyps*.
fumigatus (Cypseloides), see *Cypseloides*.
fumosa (Chaetura), see *Chaetura*.
— (*Formicivora*), see *Formicivora*.
fumosus (Automolus), see *Automolus*.
funerea (Cryptoglaux), see *Cryptoglaux*.
funereus (Aegolius), see *Cryptoglaux*.
— (*Calyptrorhynchus*), see *Calyptrorhynchus*.
- Furbay, John Harvey.**
Nature chats (rev.), '35, 212.
- furcata* (Oceanodroma), see *Oceanodroma*.
furcatus (Creagrus), see *Creagrus*.
furfuratus (Myiophobus), see *Myiophobus*.
- Furnariidae, S. Am. '36, 117, 471.**
Furnarius rufus (Rufous Ovenbird, ^bHornero), *Argent.* '31, 54, '39, 358^b; *Bras.* '31, 54.—*hbt.* '31, 54; *nest*, '32, 515^b.

- furvior* (Seiurus), see *Seiurus*.
fusca (Dendroica), see *Dendroica*.
— (*Diomedea*), see *Phoebetria*.
— (*Melanitta*), see *Melanitta*.
— (*Oidemia*), see *Melanitta*.
— (*Phoebetria*), see *Phoebetria*.
— (*Phoebetria*), see *P. auduboni*.
— (*Porzana*), see *Porzana*.
fuscata (Eos), see *Pseudeos*.
— (*Ortygospiza*), see *Ortygospiza*.
— (*Pseudeos*), see *Pseudeos*.
— (*Sterna*), see *Sterna*.
fuscatus (Margarops), see *Margarops*.
fuscens (Hylodichla), see *Hylodichla*.
fuscicapillus (Pionus), see *Pionus*.
— (*Poicephalus*), see *P. zanzibaricus*.
fuscicauda (Habia), see *Habia*.
— (*Phoenicotherapis*), see *Habia*.
fusciceps (Empidonax), see *Empidonax*.
fuscicollis (Erolia), see *Pisobia*.
— (*Pisobia*), see *Pisobia*.
fuscicularis (Apalis), see *Apalis*.
fuscior (Parotia), see *Parotia*.
fuscus (Larus), see *Larus*.
— (*Otus*), see *Otus*.

G

- Gabianus pacificus** (Pacific Gull), *misc.* '35, 485.
- gabonensis* (Malaconotus), see *Malaconotus*.
- Gabrielson, Ira Noel.**
An Oregon record of the red-legged kittiwake (*Rissa brevirostris*), '33, 216.
[Appointed Chief of Biological Survey], '36, 130.
[Local bird names wanted], '37, 114.
Bird notes from the Lake Francis region of southern Minnesota (rev.), '37, 220.
Report of the Chief of the Bureau of Biological Survey, 1938 (rev.), '39, 202.
The refuge program of the Biological Survey (rev.), '40, 588.
- Gabrielson, I. N., and Jewett, S. G.**
(See also Jewett and Gabrielson.)
Birds of Oregon (rev.), '40, 580-581.
- Gadwall*, see *Chauleasmus streperus*.
gaetkei (Cyanosylvia), see *Cyanosylvia*.
gaigei (Pipilo), see *Pipilo*.
gaillardi (Palaeortyx), see *Palaeortyx*.
gaimardi (Phalacrocorax), see *Phalacrocorax*.
— (*Poikilocarbo*), see *Phalacrocorax*.
galactodes (Aedon), see *Aedon*.
galactotes (Cisticola), see *Cisticola*.
galapagoensis (Nesopelia), see *Nesopelia*.

Galapagos Islands.

- Lack, D., '40, 435 (rev.).
 Lowe, P. R., '35, 213 (rev.), '36, 362 (rev.).
 Moffitt, J., '38, 259.
 Slevin, J. R., '31, 625-626 (rev.).
 Swarth, H. S., '31, 624-625 (rev.), '34, 419 (rev.).
 galbana (Mesia), see Mesia.
 galbraithi (Thryophilus), see Thryophilus.
Galbula heterogyna, *Boliv.* '33, 142.
 melanogenia, *Hond.* '37, 135-146.—
 dist. '37, 138; *hbt.* '40, 176, 178; *life hist.* '37, 135-146; *pl.* '37, 146; *plm.* '37, 135-136.
 viridissima, *Braz.* '37, 562.
 galbula (Icterus), see Icterus.
Galbulidae, *anat.* '38, 308.
 galeata (Numida), see Numida.
Galeopsar salvadorii (Crested Starling), *aviary*, '35, 91.
 galeaticulata (Aix), see Aix.
Galerida (Crested Lark), *Afr.* '40, 127.—
 aviary, '37, 558.
 apuliae, *Italy*, '35, 486.
 galerita (Kakatoo), see Kakatoo.
Galli, *eye*, '38, 238.
Gallix cinerea (*Water-cock), *China*, '38, 293^a, *P. I.* '38, 207.—*hbt.*, *nid.*, *note*, '38, 207.
 gallicus (Circæetus), see Circæetus.
Galliformes, *anat.* '37, 228; *eye*, '38, 238, 241; *hbt.* '40, 175; *incub.* '40, 58; *paras.* '37, 505, '40, 517; *misc.* '37, 41, '40, 499.
 gallinacea (Irediparra), see Irediparra.
 gallinago (Capella), see Capella.
 gallinarum (Astur), see Astur.
Gallinula cachinnans (*Florida Gallinule), *Conn.* '32, 465^a; *Ill.* '32, 462^a, '36, 348; *Ia.* '39, 36; *La.* '34, 328-337^a; *Mass.* '32, 101, 465^a; *N. Y.* '35, 197; *N. C.* '35, 319; *O.* '31, 367; *Pa.* '31, 113^a, '34, 230, '39, 331-332; *S. C.* '36, 312; *Tex.* '38, 65.—*band.* '34, 328-337^a; *nid.* '36, 348; *wt.* '38, 516; *wing area*, '38, 516.
 cerceris (Antillean Gallinule, ^bpor-toricensis), *Antigua*, '34, 358^b; *W. I.* '32, 494.—*meas.* '34, 358^b; *tax.* '32, 494.
 chloropus (*Moorhen, Waterhen), *Engl.* '35, 258^a; *Venez.* '35, 329.—*behav.* '40, 173, 175, 178, 582-583; *hbt.* '35, 258^a, '39, 268, 360; *paras.* '37, 505; *misc.* '36, 474^a.
 lozanoi (Luzon Gallinule), *P. I.* '38, 207-208.—*nid.* '38, 208.
 lucida, *Pol.* '38, 571.
 tenebrosa (Dusky Moorhen), *Aus-tralia*, '40, 430.—*hbt.* '37, 110.
 vestigialis, *Scott.* '39, 354.

- Gallinule, Antillean, see Gallinula cer-ceris.
 Florida, see Gallinula cachinnans.
 Luzon, see Gallinula lozanoi.
 New Zealand Purple, see Porphyrio melanotus.
 Purple, see Iornornis martinica.
Gallirallus greyi (North Island Weka), *N. Z.* '34, 490.
Gallirex porphyreolophus (*Purple-crested Lourie), *Natal*, '37, 61^a.
 gallopavo (Meleagris), see Meleagris.
 — (Meleagris), see M. silvestris.
Gallus, *behar.* '40, 171; *myol.* '38, 647.
 domesticus (*Domestic Chicken, Fowl), *Egypt*, *G. Br.*, '34, 423^a.—*behav.* '34, 306-327, '39, 272, 356^a, 383^a, 392^a, 398-399^a, 403^a, 405, 406^a, '40, 170, 171, 175; *egg*, '40, 45^a, 55^a; *eye*, '38, 231^a; *incub.* '40, 50-51^a, 55^a, 58^a, 499^a, 505-513^a; *paras.* '40, 514^a; *physiol.* '39, 492^a, '40, 261^a; *misc.* '38, 38.
 gallus (*Jungle Fowl, Red Jungle Fowl), *Pacific Is.* '34, 110; *Siam*, '37, 407.—*anat.* '37, 364-375, '38, 71-81; *fig.* '37, 367-373; *incub.* '40, 51^a; *ost.* '37, 364-365; *paras.* '40, 517; *misc.* '37, 233^a.
 micronesiae, *Caroline Is.* '40, 433.
 philippensis, *P. I.* '40, 433.
 gambeli (Anser), see Anser.
 — (Lanius), see Lanius.
 — (Lophortyx), see Lophortyx.
 — (Parus), see Penthestes.
 — (Penthestes), see Penthestes.
 — (Zonotrichia), see Zonotrichia.
 gambiensis (Emberiza), see Emberiza.
Gampsonyx, *tax.* '36, 59, 63.
Ganier, Albert Franklin.
 Facts about eagles in Tennessee (rev.), '32, 130.
 A distributional list of the birds of Tennessee (rev.), '33, 379.
 Water birds of Reelfoot Lake (rev.), '33, 379, '34, 114.
 The status of the duck hawk in the southeast, '34, 371-373.
 Notes on Tennessee birds of prey (rev.), '40, 432.
 Gannet, see Moris bassana.
 Australian, see Moris serrator.
Gardiner, Charles Barnes.
 Upland plover nesting on a shooting range, '32, 82.
 English sparrows apparently feeding on larvae of hornets, '33, 223-224.
Gardner, Aston Colbrook, —-1930.
 Obituary, '31, 86.
Garrison, David Lloyd.
 Northern skua in Massachusetts, '40, 567-568.

Garrison, Lura Pickens, and Pickens, A. L.

see Pickens and Garrison.

Garrodia nereis (*Gray-backed Storm Petrel, ^bchubbi), *nest*, '31, 313^{ab}.

garrula (Bombycilla), see Bombycilla.

— (Bombycilla), see B. pallidiceps.

— (Hirundo), see Chaetura pelagica.

Garrulax, *Burma*, '38, 581.

bakeri, *Siam*, '36, 114.

erythrocephalus (Red-headed Laughing Thrush), *races*, '38, 691.

ferrarius, *Siam*, '31, 307.

gularis, *Himalayas*, '37, 415.

melanostigma, *tax*, '38, 691.

moniliger, *misc.*, '36, 114.

schauenseel, *Indo-China*, '39, 494.

schistaceus, *Siam*, *type loc.*, '38, 691.

subconnectens, *Siam*, *type loc.*, '38, 691.

Garrulinae, *eye*, '38, 236.

Garrulus chiou, *Chios I.*, '40, 590.

glandarius (*Common Jay), *fd.*, '37, 218^a, '38, 684^a; *hbt.*, '38, 101, 104; *tax.*, '40, 590.

samos, *Samos*, '40, 590.

tokugawae, *Sado I.*, '32, 267.

zervasi, *Lesbos*, '40, 590.

garzetta (Egretta), see Egretta.

Gashwiler, Jay Schooling, and Mendall, H. L.

see Mendall and Gashwiler.

Gastornis, *tax.*, '34, 261.

gaudreyi (Ciconia), see Ciconia.

Gaul, Miriam Louise, — 1935.

Obituary, '36, 69.

Gavia, *anat.*, '37, 403.

adamsi (*Yellow-billed Loon, ^bColymbus), *Alas.*, '39, 139; *Arctic America*, '40, 119; *Austria*, '35, 214; *B. C.*, '39, 139; *Finl.*, '33, 201; *Lapland*, '32, 263; *Nor.*, '37, 108^a; *Russ.*, '33, 201.—*dist.*, '39, 138–139; *fd.*, '39, 139; *mtl.*, '31, 105^b; *misc.*, '37, 524.

arctica (*Black-throated Loon, ^bColymbus), *Sib.*, '40, 127^b.—*band.*, '39, 359^b; *hbt.*, '40, 127^b; *mtl.*, '31, 105^b; *misc.*, '35, 486^a, '36, 476^b.

elasson (*Lesser Loon), *Colo.*, '37, 524; *Ill.*, '35, 464; *Mich.*, '35, 201, '39, 99^a; *O.*, '35, 201.—*eye*, '38, 229^a, 242^a, 243^a.

immer (*Common Loon, Loon, Great Northern Diver, ^bPlongeon), *Acadia*, '39, 287^a, '40, 77^{ab}; *Alta.*, '31, 263^a; *Ark.*, '35, 324, '36, 349; *Baf. I.*, '40, 14^a, 20^a; *Bear I.*, '33, 201; *Colo.*, '37, 524; *Conn.*, '36, 226; *Fla.*, '35, 300, '36, 347; *Ill.*, '35, 74; *Labr.*, '37, 14–15; *Mass.*, '32, 101, '39, 180; *Mich.*, '34, 25, 302–305, '35, 201; *N. F.*, '36, 342; *N. J.*, '37, 548;

N. C., '35, 318, '37, 452; *O.*, '31, 373, 376^a, '35, 201; *Pa.*, '36, 95; *S. C.*, '36, 311; *Spitsbergen*, '33, 201; *Tex.*, '38, 62, 132; *W. Va.*, '36, 202^a, '38, 129.—*egg.*, '40, 55^a; *hbt.*, '34, 25, '38, 306^a; *incub.*, '40, 55^a, 57^a; *meas.*, '37, 524; *mig.*, '34, 302–305; *mtl.*, '31, 105; *nomen.*, '40, 77^{ab}; *note*, '38, 687–688^a; *wt.*, '31, 572, '38, 517; *wing area*, '38, 511–512^a, 517; *misc.*, '37, 377^a, '39, 350^a.

pacifica (*Pacific Loon), *Baf. I.*, '40, 14^a; *Man.*, '35, 203; *Que.*, '35, 178.—*eye*, '38, 229^a; *wt.*, '35, 203.

stellata (*Red-throated Loon, ^bColymbus), *Ark.*, '35, 324; *Baf. I.*, '40, 14^a, 20^a; *Conn.*, '36, 226; *Finl.*, '39, 107^a; *Fla.*, '31, 247^a, '35, 320; *Ill.*, '34, 100; *Labr.*, '37, 15; *Mich.*, '31, 131; *Mont.* (err.), '36, 320; *Pa.*, '33, 230, '36, 95; *W. Va.*, '34, 248, '36, 202.—*fd.*, '37, 15; *mtl.*, '31, 105^b; *paras.*, '37, 41; *wt.*, '37, 15; *misc.*, '35, 481^a, '37, 377^a.

viridigularis (Green-throated Loon, ^bColymbus), *Germ.*, '36, 476^b.

gavia (Procellaria), see Puffinus reinholdi.

Gaviidae, *eye*, '38, 237.

Gaviiformes, *eye*, '38, 231, 237, 241; *hbt.*, '40, 175; *incub.*, '40, 57; *misc.*, '37, 41, 506, '38, 559.

gayi (Lafresnaye), see Lafresnaye.

Gee, Nathaniel Gist, 1876–1937.

Obituary, '39, 111, 122.

Geiser, Samuel Wood.

Naturalists of the frontier, VIII, Audubon in Texas (rev.), '31, 305.

geislerorum (Ptilorrhoa), see Ptilorrhoa.

Geist, Otto William.

Sea birds found far inland in Alaska (rev.), '39, 495.

Gelochelidon aranea (*Gull-billed Tern), *C. R.*, '33, 299; *Fla.*, '32, 237, '33, 215, '35, 320, '40, 251–252; *Mass.*, '39, 186; *N. C.*, '32, 95^a, '37, 455; *Pan.*, '35, 326; *S. C.*, '35, 98; *Tex.*, '38, 69; *V. I.*, '36, 456; *Va.*, '37, 237, 243–244^a.—*colors*, '35, 98; *nest*, '33, 215; *note*, '40, 251–252; *misc.*, '36, 331.

nilotica, *Barbados*, '36, 331; *Den.*, '36, 331; *Germ.*, '33, 149.

gelochelidon (Sterna), see Sterna.

Genetics.

Dobzhansky, T., '38, 300–301 (rev.).

Hutt, F. B., '39, 203 (rev.).

Sumner, F. B., '32, 383 (rev.), '34, 548 (rev.).

Gennaeus moffitti, *type loc.*, '38, 692; *misc.*, '40, 433.

gentilis (Accipiter), see Astur.

— (Astur), see Astur.

Geocichla (*Orange Thrushes), *Afr.*, '38, 694^a.—*dist.*, '38, 694^a.

- hadii (^bGeokichla), *Sudan*, '40, 591^b.
 orientis, *Java*, '39, 99.
 rowei (^bGeokichla), *Afr.* '37, 409^b.
 terrestris, *misc.* '31, 381.
Geococcyx, *morph.* '39, 202; *misc.* '38, 139.
 californianus (*Road-runner), *Calif.* '35, 428; *Kans.* '35, 88.—*anat.* '31, 150; *dist.* '35, 428; *fos.* '31, 150; *nest.* '35, 88; *speed.* '38, 147^a; *misc.* '35, 360, '36, 461^a, '38, 166^a.
 conklingi, *N. M., fos.*, '32, 134.
 longisignum, *Hond.* '35, 121.
 melanchima, *Mex.* '35, 121.
 pallidus, *Guat.* '36, 240.
 velox, *tax.* '35, 121.
Geomalia heinrichi, *Celebes*, '31, 315.
Geopelia cuneata (*Diamond Dove), *avic.* '37, 417^a.
 papua, *N. Guinea*, '38, 697.
 striata (Barred Ground Dove), *P. I.* '38, 210–211.—*nid.* '38, 210–211; *races.* '38, 699.
Geopsittacus, *tax.* '37, 550.
 occidentalis (Night Parrot), *rediscovery*, '38, 584; *misc.* '31, 637.
Georgia.
 Bassett, Mrs. V. H., '33, 427, '38, 244–254.
 Burleigh, T. D., '34, 268, '38, 690 (rev.).
 Burleigh, T. D., and Lowery, G. H., Jr., '40, 575.
 Cottam, C., '35, 439.
 Denton, F., and Byrd, E. E., '35, 300.
 Erichsen, W. J., '35, 313, 314.
 Eyles, D., '39, 354 (rev.), 355 (rev.).
 Eyles, D., and Giles, N., Jr., '35, 461–462.
 Ganier, A. F., '34, 372.
 Greene, E. R., '31, 118, 256–257, 268, 616, '32, 217–218, '34, 91, 113–114 (rev.), 241, '35, 98–99.
 Griffin, W. W., '40, 589 (rev.).
 Gross, A. O., '31, 511.
 Hamilton, Anne P., '40, 589 (rev.).
 Huber, W., '31, 256.
 Kelso, L., '33, 106–107.
 Lamkins, I. R., '31, 268.
 Murphey, E. F., '38, 696 (rev.).
 Murphy, R. C., and Vogt, W., '33, 332.
 Norris, R., '40, 592 (rev.).
 Sprunt, A., Jr., '33, 352, '36, 203.
 Stevenson, B. H., '32, 353, '34, 383.
 Stoddard, H. L., '39, 77–78.
 Tomkins, I. R., '31, 268, 279–282, 435–436, '32, 85–86, 213–214, 219, '33, 102, 103, 227, '34, 252–253, '35, 78, 194, 302, 315, '36, 339.
 georgia (*Diomedea*), see *Diomedea*.
 georgiae (*Sterna*), see *Sterna*.

- georgiana (*Melospiza*), see *Melospiza*.
 georgianus (*Phalacrocorax*), see *Phalacrocorax*.
 georgica (*Strix*), see *S. alleni*.
 georgicus (*Pachyptila*), see *Pachyptila*.
Geospiza, *Galap. Is.* '36, 58.—*behav.* '40, 173; *tax.* '36, 477; *misc.* '36, 62.
 nigrescens, *Galap. Is.* '31, 625.
Geospizinae, *evol.* '40, 435; *hbt.* '40, 177; *misc.* '40, 120.
Geothlypis brachidactyla (*Northern Yellow-throat), *Ark.* '38, 286; *Ill.* '38, 541; *Ia.* '39, 36; *O.* '33, 120, 235, '34, 386^a, '37, 326; *Ont.* '39, 18; *S. C.* '36, 314; *Va.* '33, 118, 200.—*behav.* '35, 281; *cowbird host*, '33, 120, '34, 386^a; *feather count*, '36, 168^a; *wt.* '37, 326, '38, 514; *wing area*, '38, 514.
 chryseola, *Aris.* '31, 153.
 ignota (*Florida Yellow-throat), *Fla.* '36, 479^a; *La.* '34, 399; *Va.* '33, 200.—*hbt.* '36, 479^a.
 insperata, *Tex.* '33, 250.—*misc.* '36, 104.
 nelsoni (Hooded Yellow-throat), *Mex.* '40, 237, 241.
 occidentalis (Western Yellow-throat), *tax.* '31, 153.
 pelagitis, *Anticosti I.* '40, 587.
 scirpicola (*Tule Yellow-throat), *Calif.* '35, 429^a.—*dist.* '35, 429; *tax.* '31, 153.
 sinuosa (Salt Marsh Yellow-throat), *Calif.* '31, 65.—*hbt.* '31, 59, 60, 65.
 trichas (*Maryland Yellow-throat), *Ala.* '38, 283^a; *D. C.* '38, 679^a; *Md.* '36, 220 (winter); *N. C.* '33, 232, '35, 319; *O.* '31, 371; *Va.* '33, 200, '34, 393, '37, 461.—*destr.* '38, 679^a; *feather count*, '36, 168^a; *song*, '34, 506^a, '38, 486^a, 490^a; *wt.* '38, 444; *misc.* '40, 241.
 typhicola, *Ga.* '34, 268; *La.* '34, 400; *N. C.* '34, 394, '37, 459; *S. C.* '36, 314.
 velatus (Brazilian Yellow-throat, ^b*Trichas canicapilla*, ^c*cucullata*), *Argent.* '31, 56^c; *Braz.* '31, 56^b.—*cowbird host*, '31, 56.
 gephyra (*Hirundo*), see *Hirundo*.
Gerandia, *tax.* '34, 262.
Geranoaëtus, *tax.* '33, 212.
Geranoides jepseni, *fos.* '33, 382.
Geranospiza flexipes, *Argent.* '35, 342.
 germanicus (*Pliogrus*), see *Pliogrus*.
Germany.
 Berndt, R., and Hinsche, A., '39, 353 (rev.).
 Bohmann, L., '37, 405–406 (rev.).
 Brinkmann, M., '39, 200 (rev.).
 Demandt, C., '37, 561 (rev.).
 Drost, R., and Schilling, L., '40, 431 (rev.).

- Frank, F., '40, 432 (rev.).
 Freiburger, W., '31, 151 (rev.).
 Guggisberg, C. A. W., '38, 572 (rev.).
 Hedemann, H. von, '38, 573 (rev.).
 Hildebrandt, H., '39, 355 (rev.), '40, 127 (rev.).
 Hornberger, F., '40, 272 (rev.).
 Horst, F., '37, 563 (rev.).
 Jahn, H., '40, 128 (rev.).
 Keyserlingk, A. G., '38, 575 (rev.).
 Krätzig, H., and Schütz, E., '37, 222 (rev.).
 Lüders, O., '38, 150-151 (rev.).
 Niethammer, G., '37, 552-553 (rev.), '39, 106 (rev.), 345-346 (rev.), 358 (rev.).
 Putzig, P., '38, 154 (rev.).
 Ringleben, H., '37, 567 (rev.).
 Schmaus, M., '39, 206 (rev.).
 Schnurre, O., '37, 226 (rev.).
 Sick, H., '39, 499 (rev.).
 Steinfatt, O., '38, 308 (rev.).
 Tischler, F., '39, 500 (rev.).
 Torne, H. V., '39, 500 (rev.).
 germari (Collocalia), see Collocalia.
Geronticus eremita (*Bald Ibis, Bald-headed Ibis, ^bComatibis), *Afr.* '35, 473^a; *Algeria*, '31, 468^b.—*hbt.* '34, 424^b.
Gérondet, P.
 Les mouettes rieuses de Suisse d'après les résultats du baguage. II partie (rev.), '37, 220.
 Migration des mouettes rieuses (*Larus r. ridibundus* L.) en Suisse (rev.), '40, 432.
 gertrudis (Serinus), see Serinus.
Gerygone magnirostris (Large-billed Warbler), *misc.* '34, 121.
murina, *tax.* '34, 560.
sulphurea (Philippine Gerygone), *P. I.* '38, 219.—*hbt.*, *nid.*, '38, 219.
 Gerygone, Philippine, see Gerygone sulphurea.
Geyr von Schweppenburg, H.
 Wie ziehen die holländischen Jungstörche (rev.), '37, 220.
 Zur Systematik der fuscus-argentatus-Möwen (rev.), '39, 102.
 ghiesbreghtii (Leucopternis), see Leucopternis.
Gianini, Charles Alfred.
 An influx of Leach's petrels, '34, 75.
 gibralterensis (Phoenicurus), see Phoenicurus.
 gigantea (Leguatia), see Leguatia.
 giganteus (Macronectes), see Macronectes.
 gigantodes (Turdus), see Turdus.
 gigas (Aimophila), see Aimophila.
 — (Collocalia), see Collocalia.
 — (Dacelo), see Dacelo.
 — (Patagona), see Patagona.
Gilbert, P. A.
 Field notes on *Rallus pectoralis* (rev.), '37, 108.
 The bower-painting habit of the satin bower-bird (*Ptilonorhynchus violaceus*) (rev.), '40, 127.
 The "green" satin bower-bird (rev.), '40, 432.
Gilbert, Perry Webster.
 The avian lung and air-sac system, '39, 57-63.
Giles, F. H.
 A description of the swifts (*Collocalia francica* and *Collocalia innominata*), the birds which build edible nests (rev.), '37, 408.
Giles, Norman, Jr., and Eyles, D.
 see Eyles and Giles.
Gill, Geoffroy.
 Further notes on the constancy of cat-birds to mates and to territory (rev.), '37, 220-221.
Gillespie, John Arthur.
 Duck hawk bathing and drinking, '33, 98.
 Song of the gray-cheeked thrush, '33, 114.
Gillespie, J. A., McDonald, N. J., and Daly, S.
 see McDonald, Daly and Gillespie.
Gillespie, Mabel (Mrs. J. A.), and Gillespie, J. A.
 Color of the iris in grackles, '32, 96.
 A gannet in Delaware Co., Pa., '33, 205-206.
Gillespie, Richard, 1869-1934.
 Obituary, '34, 567, '35, 67.
Gilliard, Ernest Thomas.
 The gannets of Funk Island, '37, 379-381.
 A new race of *Grallaria excelsa* from Venezuela (rev.), '39, 355.
 Descriptions of seven new birds from Venezuela (rev.), '40, 588.
Gillis, Frank.
 Cerulean warbler (*Dendroica caerulea*) in North Dakota, '32, 226.
 gilmani (Otus), see Otus.
 gilolonis (*Pachycephala*), see *Pachycephala*.
 gilva (*Vireosylva*), see *Vireo*.
 gilvus (*Mimus*), see *Mimus*.
 — (*Vireo*), see *Vireo*.
 giu (Otus), see Otus.
 — (Scops), see Otus.
 glabripes (Otus), see Otus.
 glacialis (*Fulmarus*), see *Fulmarus*.
Gladkov, N. A.
 Die adaptive Bedeutung der Alula bei den Vögeln (rev.), '38, 692.

- Gladstone**, Hugh Steuart.
 Thomas Watling, limner of Dumfries (rev.), '38, 686-687.
glandarius (Clamator), see Clamator.
 — (Garrulus), see Garrulus.
Glandon, Earl W.
 The rufous hummingbird at Stapleton, Logan County [Nebr.] (rev.), '37, 109.
Glareola boweni, *Gambia*, '31, 313.
maldivarum (Eastern Swallow-plover), *Jap.* '31, 642; *P. I.* '38, 208-209.
 — *id.* '38, 208-209.
nordmanni, *misc.* '32, 266.
glareola (Rhyacophilus), see Rhyacophilus.
 — (Tringa), see Rhyacophilus.
Glareolidae, *tax.* '31, 635.
glaucescens (Larus), see Larus.
 — (Xanthoura), see Xanthoura.
Glaucidium, *plm.* '36, 56.
brodei, *dichro.* '37, 565; *tax.* '39, 345.
californicum (California Pygmy Owl), *tax.* '32, 129.
cobanense, *plm.* '37, 304.
costaricanum, *C. R.* '37, 304*.—
descr., dist., meas., '37, 304.
fisheri, *tax.* '32, 131.
gnoma, *tax.* '32, 131.
jardinii, *dist.* '37, 304.
minutissimum, *tax.* '32, 131.
pallens, *Parag.* '39, 200.
palmarum, *Mex.* '37, 193.—*tax.* '32, 131.
passerinum, *fd.* '34, 417; *misc.* '38, 180.
pinicola (Rocky Mountain Pygmy Owl), *Utah*, '36, 231.—*tax.* '32, 129.
rarum, *Pan.* '32, 131.—*plm.* '37, 304.
siju, *Cuba*, '36, 114.
tubiger, *tax.* '39, 345.
tucumanum, *dist.* '35, 451.
Glaucionetta, *fd.* '39, 490.
americana (*American Golden-eye, Golden-eye), *B. C.* '40, 274*; *Conn.* '36, 226; *Conn. Val.* '32, 361; *Fla.* '36, 347; *Me.* '40, 245, 246*; *Mass.* '31, 565, '32, 101, 233, 441-444*; *N. B.* '40, 106*; *N. H.* '36, 225; *N. Y.* '36, 324; *N. C.* '34, 396, '36, 227; *Pa.* '35, 198, '36, 94*, '39, 472*; *R. I.* '35, 181; *S. Am.* '40, 426*; *W. Va.* '38, 130; *Wisc.* '36, 324-325*.—*flight*, '33, 314*; *fd.* '34, 103*, '40, 245, 246*, 274*; *hyb.* '34, 545; *misc.* '37, 378*.
clangula (*European Golden-eye, Golden-eye), *court.* '40, 127*.
islandica (*Barrow's Golden-eye, *b*Clangula), *B. C.* '40, 274*; *Conn.* '40, 244; *Mass.* '31, 414*; *N. J.* '39, 329; *Vt.* '40, 245; *Va.* '33, 193.—*avic.* '39, 361*; *dist.* '33, 202; *fd.* '40, 274*.
Glaucis aenea, *Pan.* '39, 307.

- glaucoides** (Larus), see *L. leucopterus*.
glaurops (Tyto), see Tyto.
glau (Athene), see Athene.
Glegg, William Edwin.
 A history of the birds of Middlesex (rev.), '35, 334-335.
 Additional notes on the birds of Corsica (rev.), '37, 109.
globicera (Crax), see *C. rubra*.
Glossopsitta concinna, *rates*, '38, 699.
gloveralleni (Titanohierax), see Titanohierax.
Gnatcatcher, see Polioptila caerulea.
 Arizona Black-tailed, see Polioptila melanura.
 Black-tailed, see Polioptila californica.
 Blue-gray, see Polioptila caerulea.
 Plumbeous, see Polioptila melanura.
 Western, see Polioptila amoenissima.
gnoma (Glaucidium), see Glaucidium.
Gnorimopsar chopi (*b*Cnorimopsar), *Braz.* '38, 45^b.—*cowbird host*, '38, 42, 45^b.
 Goatsucker, see Caprimulgus europaeus.
gobicus (Falco), see Falco.
gobiensis (Passer), see Passer.
 Gode, see Alca torda.
Godfrey, W. Earl.
 Yellow-crowned night herons in Nova Scotia (rev.), '39, 102.
Godman, (Miss) Eva M., and Archer, Sir G.
 see Archer and Godman.
 Godwit, Bar-tailed, see Limosa lapponica.
 Black-tailed, see Limosa limosa.
 Hudsonian, see Limosa haemastica.
 Marbled, see Limosa fedoa.
 Pacific, see Limosa baueri.
Goellner, Eugene Joseph.
 The blue-winged warbler in New Hampshire, '36, 89.
 Blue goose in New Hampshire, '38, 667-668.
 Western grebe in New Hampshire, '39, 469.
Goellner, E. J., and Provost, M.
 Sanderlings and a marsh hawk wintering in New Hampshire, '36, 454.
Goethe, Friedrich.
 Beobachtungen und Untersuchungen zur Biologie der Silbermöwe (Larus a. argentatus Pontopp.) auf der Vogelinsel Memmertsand (rev.), '37, 408-409.
Goetz, Christian John.
 Late nesting of the barn owl, '32, 221.
goiavier (Pycnonotus), see Pycnonotus.
 Golden-eye, see Glaucionetta americana and *G. clangula*.
 American, see Glaucionetta americana.
 Barrow's, see Glaucionetta islandica.
 European, see Glaucionetta clangula.

- Goldfinch, see *Carduelis carduelis*, C. elegans and *Spinus tristis*.
 Arkansas, see *Spinus psaltria*.
 Eastern, see *Spinus tristis*.
 European, see *Carduelis carduelis*.
 Green-backed, see *Spinus hesperophilus*.
 Lawrence's, see *Spinus lawrencei*.
 Pale, see *Spinus pallidus*.
 Willow, see *Spinus salicamans*.
Goldman, Edward Alphonso.
 Edward William Nelson—naturalist, '35, 135-148.
Goldman, E. A., and **Nelson**, E. W. see Nelson and Goldman.
 goldmani (*Vireolanius*), see V. melitophrys.
Golsan, Lewis Samuel.
 Three records from Autauga County, Alabama, '39, 482-483.
 goodfellowi (*Ciccaba*), see C. albitarsus.
Goodpaster, Woodrow, and **Maslowski**, K. H.
 Leconte's sparrow in Clermont County, Ohio, '37, 397.
Goodson, Arthur Thomas, 1873-1931. Obituary, '32, 273.
 Goosander, see *Mergus merganser*.
 Goose, Atlantic Snow, see *Chen atlantica*.
 Barnacle, see *Branta leucopsis*.
 Bean, see *Anser fabalis*.
 Blue, see *Chen caerulescens*.
 Buturlin's, see *Anser carneirostris*.
 Cackling, see *Branta minima*.
 Canada, see *Branta canadensis*.
 Egyptian, see *Chenalopex aegyptiaca*.
 Emperor, see *Phalacrocorax canagica*.
 Gray, see *Anser anser*.
 Gray Lag, see *Anser anser*.
 Greater Snow, see *Chen atlantica*.
 Hawaiian, see *Nesochen sandvicensis*.
 Hutchins's, see *Branta hutchinsii*.
 Lesser Canada, see *Branta leucopareia*.
 Lesser Snow, see *Chen hyperborea*.
 Pink-footed, see *Anser brachyrhynchus*.
 Pygmy, see *Cheniscus coromandelianus*.
 Red-fronted, see *Branta ruficollis*.
 Ross's, see *Chen rossi*.
 Short-billed, see *Anser curtus*.
 Snow, see *Chen hyperborea*.
 Sushkin's Bean, see *Anser neglectus*.
 Tule, see *Anser gambeli*.
 White-cheeked, see *Branta occidentalis*.
 White-fronted, see *Anser albifrons*.
Gorbunov, Gregory Petrovich.
 Berichte zur Säugetier und Vogelfauna der Nowaja Semlja (rev.), '31, 150-151.

- The birds of Franz-Joseph Land (rev.), '33, 245.
Gordon, Kenneth.
 Sex of incubating killdeer, '32, 218.
 Lark bunting in Oregon, '40, 119.
Gordon, Seton.
 Incubation period of the peregrine (rev.), '38, 692.
Gorsuch, David.
 Life history of the Gambel quail in Arizona (rev.), '35, 117-118.
 Goshawk, see *Astur atricapillus*, A. gallinarum and A. gentilis.
 American, see *Astur atricapillus*.
 Eastern, see *Astur atricapillus*.
 Mexican, see *Asturina plagiata*.
 Western, see *Astur striatulus*.
Gould, Victor Eugene.
 Concerning the occurrence of the European ruff in N. A., '32, 468-470.
 gouldiae (*Poephila*), see *Poephila*.
Goura beccarii, *tax*, '34, 276.
 victoria, *tax*, '34, 276.
Gower, Carl.
 The cause of blue color as found in the bluebird (*Sialia sialis*) and the blue jay (*Cyanocitta cristata*), '36, 178-185.
 goyana (*Cranioleuca*), see *Cranioleuca*.
 grabae (*Fratercula*), see *Fratercula*.
 graciae (*Dendroica*), see *Dendroica*.
 gracilenta (*Anabernicula*), see *Anabernicula*.
 gracilirostris (*Calamonastides*), see *Calamonastides*.
 — (Chloropeta), see *Calamonastides*.
 gracilis (*Cathartornis*), see *Cathartornis*.
 — (Euphonia), see *Tanagra*.
 — (Melospiza), see *Melospiza*.
 — (Polioptila), see *Polioptila*.
 — (Sterna), see *Sterna*.
 — (Tanagra), see *Tanagra*.
 Grackle, Barbados, see *Holoquiscalus fortirostris*.
 Boat-tailed, see *Cassidix major* and *Holoquiscalus lugubris*.
 Bronzed, see *Quiscalus aeneus*.
 Florida, see *Quiscalus aglaeus*.
 Great-tailed, see *Cassidix mexicanus*.
 Mesquite, see *Cassidix prosopidicola*.
 Purple, see *Quiscalus quiscula*.
 Rice, see *Cassidix oryzivora*.
 Ridgway's, see *Quiscalus ridgwayi*.
 Sonora, see *Cassidix nelsoni*.
 Stone's, see *Quiscalus stonei*.
 Western Cuban, see *Holoquiscalus caribaeus*.
 graculus (*Phalacrocorax*), see P. aristotelis.
 — (Pyrrhocorax), see *Pyrrhocorax*.
 graeca (*Alectoris*), see *Alectoris*.

- graelisi (Larus), see Larus.
Graham, H. E.
 Occurrence of the shoveller on Anticosti Island, Quebec (rev.), '40, 432.
Grallaria excelsa, *tax.* '39, 355.
 guatemalensis, *misc.* '37, 195.
 monticola, *Ecuad.* '34, 150.—*call.* '34, 150.
 ochraceiventris, *Mex.* '37, 195.
 phelpsi, *Venez.* '39, 355.
 yessupi, *Peru*, '31, 149.
 grallaria (Fregettornis), see Fregetta tropica.
Grallaricula costaricensis, *C. R.* '33, 300.
 rara, *misc.* '32, 270.
Grallina cyanoleuca (*Magpie-lark), *hbt.* '33, 393*.
 gramineus (Poecetes), see Poecetes.
 grammacus (Chondestes), see Chondestes.
Grammatoptila cranbrookii, *Burma*, '33, 254.
Granatellus griscomi, *C. R.* '35, 208.
Granatina granatina (*African Grenadier Weaver), *Australia*, '37, 420*.
 granatina (Granatina), see Granatina.
 granatinus (Uraeginthus), see Uraeginthus.
 grandior (Monasa), see Monasa.
 grandis (Apalis), see Apalis.
 — (Melozone), see Melozone.
 — (Picumnus), see Picumnus.
 — (Saltator), see Saltator.
 — (Xiphorhynchus), see Xiphorhynchus.
Granfield, William M.
 Nesting of the saw-whet owl (rev.), '38, 302.
 grangeri (Buteo), see Buteo.
Grant, Claude Henry Baxter, and **Mackworth-Praed**, C. W.
 see Mackworth-Praed and Grant.
 granti (Bradypterus), see Bradypterus.
 — (Ptiloprora), see Ptiloprora.
 — (Sula), see Sula.
 — (Vinago), see Vinago.
 Grassfinch, Masked, see Poephila personata.
 Grassquit, Caric, see Tiaris omissa.
 Melodious, see Tiaris canora.
 Grass-warblers, see Cisticola.
 grata (Sialia), see Sialia.
Grater, Russell Kay.
 Brewster's egret at Grand Canyon National Park, '35, 443.
 Pileated woodpecker in Grand Canyon National Park, '36, 218.
 Rose-breasted grosbeak in Nevada, '39, 191.
 graueri (Pseudocalyptomena), see Pseudocalyptomena.

- Graves**, Frances Manwaring Miner
 (Mrs. Charles Burr Graves), 1863–1932.
 Obituary, '32, 520, '33, 83.
 gravirostris (Dryobates), see Dryobates.
 gravis (Platypsaris), see Platypsaris.
 — (Puffinus), see Puffinus.
Graydidasculus brachyurus, *disease*, '40, 332.
 insulsus, *Braz.* '37, 562.
 grayi (Turdus), see Turdus.
Grayson, Andrew Jackson, 1819–1869.
 [Biography], '33, 396–402.
 graysoni (Compsothlypis), see Compsothlypis.
Great Britain.
 British Trust for Ornithology, '40, 428 (rev.).
 Carr, V. A., '40, 430 (rev.).
 Carter, G. N., '40, 569–571.
 Chrystal, R. N., '38, 684 (rev.).
 Fisher, J., '40, 588 (rev.).
 Hibbert-Ware, Alice, '35, 478 (rev.), '38, 303 (rev.), 561–562 (rev.).
 Hollom, P. A. D., '40, 272 (rev.).
 Howard, E., '40, 582–583 (rev.).
 Jourdain, F. C. R., '38, 530–531.
 Leach, E. P., '39, 356 (rev.).
 Morley, A., '40, 129 (rev.).
 Nicholson, E. M., '37, 224 (rev.), '39, 106 (rev.).
 Thomson, A. L., '39, 360 (rev.).
 Ticehurst, N. F., '39, 360 (rev.).
 Witherby, H. F., '38, 699 (rev.), '39, 501 (rev.).
 Witherby, H. F., et al., '38, 559–560 (rev.), '39, 196–197 (rev.), 485 (rev.), '40, 272 (rev.), 277 (rev.).
Great Lakes Ornithological Club.
 [Mention], '39, 355.
Greaves, R. H., and **Tregenza**, L. A.
 The Nile Valley sunbird (Nectarinia metallica) in Egypt (rev.), '38, 571–572.
Grebe, Antillean, see Podilymbus antillarum.
 Black-necked, see Colymbus nigricollis.
 Black-throated, see Colymbus nigricollis.
 Eared, see Colymbus californicus.
 Great Crested, see Colymbus cristatus.
 Hoary-headed, see Colymbus poliocephalus.
 Holboell's, see Colymbus holboellii.
 Horned, see Colymbus auritus.
 Little, see Colymbus capensis.
 Mexican, see Colymbus brachypterus.
 New Zealand, see Colymbus rufocinctus.
 Philippine, see Colymbus philippensis.

- Pied-billed, see *Podilymbus podiceps*.
 Red-necked, see *Colymbus ruficollis*.
 Slavonian, see *Colymbus auritus*.
 West Indian, see *Colymbus dominicus*.
 Western, see *Aechmophorus occidentalis*.
grebnitzkii (Falco), see Falco.
Green, Horace O.
 Horned larks (rev.), '40, 432.
 Northern seaside sparrow (rev.), '40, 589.
Green, Morris Miller.
 A good word for the field ornithologist, '35, 203.
Greene, Earle Rosenbury.
 Golden eagle captured in Georgia, '31, 118.
 A late spring record of lesser scaup duck (*Nyroca affinis*) in Georgia, '31, 256-257.
 Snowy owl in Georgia, '31, 268.
 Bird life on Brasstown Bald, Georgia, '31, 616.
 Another golden eagle captured in Georgia, '32, 217-218.
 Brewer's blackbird (*Euphagus cyanocephalus*) in Georgia, '34, 91.
 Florida grackle (*Quiscalus quiscula aglaeus*) in northern Georgia, '34, 91.
 Birds of the Atlanta, Georgia, area, distribution, migration and nesting (rev.), '34, 113.
 Bicknell's thrush (*Hylocichla minima minima*) in Georgia, '34, 241.
 Two rare birds in Georgia, '35, 98-99.
 Interesting winter notes at Lake Mattamuskeet wild life refuge (Hyde County, N. C.), '35, 319.
 The white pelican (*Pelecanus erythrorhynchos*) on Lake Mattamuskeet wild life refuge (Hyde County), N. C., '35, 442.
 Arkansas kingbird (*Tyrannus verticalis*) at Lake Mattamuskeet, N. C., '36, 83.
 American rough-legged hawk (*Buteo lagopus sancti-johannis*) in North Carolina, '36, 209.
 Greenfinch, see *Chloris chloris*.
 Himalayan, see *Hypacanthus spinoides*.
 Scottish, see *Chloris harrisoni*.
Greenland.
 Bertelson, A., '32, 380 (rev.).
 Jourdain, F. C. R., '38, 574 (rev.).
 Loepfenthin, B., '33, 135-136 (rev.).
 Schöler, E. L., '31, 457-458 (rev.).
 Soper, J. D., '40, 13.
 Tinbergen, N., '40, 267-268 (rev.).
 Greenshank, see *Tringa nebularia*.
Greenway, James Cowan, Jr.
 A Jefferson letter of historical and ornithological interest, '31, 175-180.
 Birds from northwest Yunnan (rev.), '33, 379.
 Descriptions of four new subspecies of birds from the Huon Gulf region, New Guinea (rev.), '34, 268.
Panyptila cayenensis (Gmelin) nesting in a house, '34, 377-379.
 Birds from the coastal range between the Markham and Waria rivers, northeastern New Guinea (rev.), '35, 207-208.
 see Rand, A. L., 'The distribution and habits of Madagascar birds' (rev.), '37, 214-216.
Dysmorodrepanis munroi probably not a valid form, '39, 479-480.
 Oriental forms of *Picus canus*, '40, 550-560.
Greenway, J. C., Jr., and Allen, G. M.
 see Allen and Greenway.
Greenway, J. C., Jr., and Delacour, J.
 see Delacour and Greenway.
Greenway, J. C., Jr., and Griscom, L.
 see Griscom and Greenway.
Greenway, J. C., Jr., and Mayr, E.
 see Mayr and Greenway.
gregaria (*Zosterops*), see *Zosterops*.
Gregg, Howard Raymond.
 White-throated swift at Hot Springs National Park, Arkansas, '35, 452.
 Birds of Rocky Mountain National Park (rev.), '38, 572.
Gregory, Stephen Strong, Jr.
 Western sandpiper near Chicago, '39, 476.
Gregory, William King, and Murphy, R. C.
 Remarks on the origins of the ratites and penguins (rev.), '35, 341.
Gressores, Germ. '39, 345.
Greulach, Victor A.
 Notes on the nesting of the slate-colored junco, '34, 389-390.
Grey, Lord.
 [Memorial planned], '36, 375.
greyi (*Gallirallus*), see *Gallirallus*.
Griffie, W. E.
 Effect of a late season on size of prairie falcon and raven sets (rev.), '38, 302.
Griffin, Donald Redfield.
 Bat-banding—A request for cooperation, '36, 253-254.
 see Brand, A. R., 'Native bird songs' (rev.), '38, 687-688.
 Homing experiments with Leach's petrels, '40, 61-73.
grilli (*Centropus*), see *Centropus*.

- Grimes, Samuel Andrew.**
How the nighthawk moves its eggs, '31, 602-603.
Lapland longspur on the central east coast of Florida, '35, 315-316.
On an unusual feeding habit of the snowy egret, '36, 439.
[On injury feigning by birds], '36, 478-480.
- Griner, Lynn.**
A colony of western grebes, '37, 98.
Behavior of a blue-winged teal, '37, 99-100.
[Note on colony of western grebes pertains to eared grebes], '37, 574.
- Grinnell, George Bird, 1849-1938.**
Obituary, '38, 585, '39, 122.
In memoriam, '39, 1-12, por.
- Grinnell, Hilda Wood (Mrs. Joseph Grinnell).**
Joseph Grinnell: 1877-1939 (rev.), '40, 271.
- Grinnell, Joseph, 1877-1939.**
Some angles in the problem of bird migration, '31, 22-32.
Some inferences from the new Checklist, '32, 9-13.
[Appeal for financial aid to the A. O. U.], '32, 142.
Type localities of birds described from California (rev.), '32, 255-256.
The two check-lists of 1931 (rev.), '32, 385-386.
A revised life-zone map of California (rev.), '35, 341.
In memoriam: Richard C. McGregor Ornithologist of the Philippines, '38, 163-175.
The swallows of the Life Sciences Building (rev.), '38, 302.
Ocean waifs and what they mean for distribution (rev.), '39, 202.
Obituary, '39, 363, '40, 147.
Proposed shift of names in Passerculus—a protest (rev.), '39, 495.
Bibliography of California ornithology; third installment; to end of 1938 (rev.), '40, 265-266.
[Biography and bibliography], (rev.), '40, 271.
- Grinnell, J., and Behle, W. H.**
A new race of brown towhee from the Kern Basin of California (rev.), '38, 302.
A new race of titmouse from the Kern Basin of California (rev.), '38, 692.
- Grinnell, J., Dixon, J., and Linsdale, J. M.**
Vertebrate natural history of a section of northern California through the Lassen Peak region (rev.), '31, 142-143.
- Grinnell, J., and Linsdale, J. M.**
Vertebrate animals of Point Lobos Reserve, 1934-35 (rev.), '37, 409-410.
- Grinnell, J., and Test, F. H.**
Geographic variation in the forked-tailed petrel (rev.), '40, 127.
grinnelli (Buteo), see Buteo.
— (Carpodacus), see Carpodacus.
— (Geranoaëtus), see Buteo.
— (Lanius), see Lanius.
— (Loxia), see Loxia.
- Griscom, Ludlow.**
Studies from the Dwight collection of Guatemala birds (rev.), '31, 305.
[Obituary of] Maunsell Schieffelin Crosby, '31, 320-322.
European teal (Nettion crecca) in Essex Co., Massachusetts, '32, 79.
Notes on rare and little known neotropical pygmy owls (rev.), '32, 130-131.
Notes on imaginary species of Ramphocelus, '32, 199-203.
The ornithology of the Caribbean coast of extreme eastern Panama (rev.), '32, 256.
The distribution of bird-life in Guatemala (rev.), '32, 374-375.
Notes on the collecting trip of M. Abbott Frazer in Sonora and Chihuahua for William Brewster, '33, 54-58.
New birds from Honduras and Mexico (rev.), '33, 248.
Notes on the Havemeyer collection of Central American birds, '33, 297-308.
The birds of Dutchess County, New York (rev.), '34, 266.
The ornithology of Guerrero, Mexico (rev.), '34, 269.
The pine grosbeaks of eastern North America (rev.), '34, 269.
Wilson's phalarope in Essex County, Massachusetts, in spring, '35, 82.
The rediscovery of Chlorospingus flavovirens (Lawrence), '35, 94-95.
The ruff (Philomachus pugnax) near Boston, Massachusetts, with remarks on its recognition in winter plumage, '35, 184-185.
The ornithology of the Republic of Panama (rev.), '35, 338.
Critical notes on rare Panama birds (rev.), '35, 341.
Observations on the behavior of birds during the total eclipse of August 31, 1932 (rev.), '35, 341.

- Critical notes on Central American birds in the British Museum (rev.), '35, 483-484.
- [On problems of field identification] (rev.), '36, 238-240.
- The birds of the Sierra de las Minas, eastern Guatemala (rev.), '36, 241.
- European dunlins in North America, '37, 70-72.
- A collection of birds from Omilteme, Guerrero, '37, 192-199.
- Royal tern in Massachusetts, '37, 206.
- Black skimmers in New England, '37, 206-207.
- Yellow-headed blackbird at Monomoy, Massachusetts, '37, 211.
- New name for *Otus flammeolus guatemalae* preoccupied, '37, 391.
- see Bartlett, G., 'Birds of eastern New York' (rev.), '37, 404.
- A monographic study of the red crossbill (rev.), '37, 410-411.
- Leach's petrel off coast of Venezuela, '37, 530.
- Herring gull at Barbados, '37, 539.
- Palm warbler in Bermuda, '37, 543-544.
- see Dickey, D. R., and van Rossem, A. J., 'The birds of El Salvador' (rev.), '38, 557-559.
- The birds of the Lake Umbagog region of Maine (rev.), '38, 566-567.
- The ring-necked duck as a transient in the northeastern states, '39, 134-137.
- Migration of the red phalarope off Massachusetts, '39, 185.
- Gull-billed tern in Massachusetts, '39, 186.
- Long-billed curlew in Massachusetts, '39, 332-333.
- see Hyde, A. S., 'The life history of Henslow's sparrow' (rev.), '40, 120-121.
- Black gyrfalcon at Newburyport (rev.), '40, 432.
- New England migration highways (rev.), part 1, '40, 432; part 2, '40, 589.
- Griscom, L., and Conkey, J. H.**
see Conkey and Griscom.
- Griscom, L., and Emilio, S. G.**
see Emilio and Griscom.
- Griscom, L., and Greenway, J. C., Jr.**
Critical notes on new neotropical birds (rev.), '37, 562.
- Griscom, L., and Peters, J. L.**
see Peters and Griscom.
- Griscom, L., and Tousey, R. H.**
see Tousey and Griscom.
- griscomi* (*Aphelocoma*), see *Aphelocoma*.
- (*Carpodacus*), see *Carpodacus*.
- (*Granatellus*), see *Granatellus*.
- grisea* (*Amphispiza*), see *Amphispiza*.
- (*Formicivora*), see *Formicivora*.
- griseatus* (*Caprimulgus*), see *Caprimulgus*.
- griseiceps* (*Oreocincla*), see *Oreocincla*.
- (*Ortalis*), see *Ortalis*.
- griseigularis* (*Pericrocotus*), see *Pericrocotus*.
- griseipectus* (*Dendrotyx*), see *Dendrotyx*.
- griseipygius* (*Pipilo*), see *Pipilo*.
- griseola* (*Muscicapa*), see *Muscicapa*.
- griseolus* (*Vireo*), see *Vireo*.
- griseonucha* (*Leucosticte*), see *Leucosticte*.
- griseoviridis* (*Cecinus*), see *Picus*.
- (*Picus*), see *Picus*.
- griseus* (*Baeolophus*), see *Baeolophus*.
- (*Empidonax*), see *Empidonax*.
- (*Limnodromus*), see *Limnodromus*.
- (*Nyctibius*), see *Nyctibius*.
- (*Perisoreus*), see *Perisoreus*.
- (*Puffinus*), see *Puffinus*.
- (*Telmatodytes*), see *Telmatodytes*.
- (*Vireo*), see *Vireo*.
- grisior* (*Melospiza*), see *Melospiza*.
- (*Turdus*), see *Turdus*.
- Griswold, George Tibbals.**
Purple gallinule (*Ionornis martinica*) in Connecticut, '35, 80.
Great gray owl in Connecticut, '38, 533-534.
- Griswold, John Augustus, Jr.**
Two new records for Panama, '36, 457-458.
A new subspecies of *Lurocalis* from Panama (rev.), '36, 470.
- Groebbels, Franz.**
Der Vogel (rev.), vol. 1, '33, 246-247; vol. 2, '38, 135.
- grönländica* (*Procellaria*), see *Procellaria*.
- grönländicus* (*Haliaeetus*), see *Haliaeetus*.
- (*Lagopus*), see *Lagopus*.
- Gromme, Owen Justus.**
Golden plover in the Lake Winnebago area, '31, 416.
The mourning warbler (*Oporornis philadelphia*) nesting in Wisconsin, '34, 37-38.
King eider (*Somateria spectabilis*) in Wisconsin, '34, 367.
The goshawk (*Astur atricapillus atricapillus*) nesting in Wisconsin, '35, 15-20.
Further notes on the occurrence of the Hudsonian godwit (*Limosa haemastica*) in Wisconsin, '35, 81.
Forster's tern (*Sterna forsteri*) breed-

- ing on the Lake Puckaway marsh, Wisc., '35, 86-87.
- Unusual water birds in the Lake Winnebago, Wisconsin, area, '35, 101-102.
- Status of birds of prey and herons in Wisconsin, '35, 132-133.
- Effect of extreme cold on ducks in Milwaukee Bay, '36, 324-325.
- Black gyrfalcon in Wisconsin, '38, 273-274.
- Mourning warbler nesting in Wisconsin, '38, 543-544.
- Grosbeak, Alaska Pine, see *Pinicola alascensis*.
- Black-headed, see *Hedymeles melanocephalus*.
- Blue, see *Guiraca caerulea* and *G. eurhyncha*.
- California Blue, see *Guiraca salicaria*.
- California Pine, see *Pinicola californica*.
- Canadian Pine, see *Pinicola leucura*.
- Costa Rican Blue, see *Cyanocompsa caerulea*.
- Eastern Blue, see *Guiraca caerulea*.
- Eastern Evening, see *Hesperiphona vespertina*.
- Evening, see *Hesperiphona vespertina*.
- Kodiak Pine, see *Pinicola flammea*.
- Mexican Evening, see *Hesperiphona montana*.
- Newfoundland Pine, see *Pinicola eschatosus*.
- Panama Blue, see *Cyanocompsa cyanoides*.
- Pine, see *Pinicola leucura*.
- Queen Charlotte Pine, see *Pinicola carlottae*.
- Rocky Mountain, see *Hedymeles pagago*.
- Rocky Mountain Pine, see *Pinicola montana*.
- Rose-breasted, see *Hedymeles ludovicianus*.
- Venezuelan Blue, see *Cyanocompsa minor*.
- Western Evening, see *Hesperiphona brooksi*.
- Gross, Alfred Otto.**
- Progress report of the Wisconsin prairie chicken investigation (rev.), '31, 296-297.
- Snowy owl migration—1930-1931, '31, 501-511.
- Snowy owl migration—1934-1935, '35, 310.
- Birds of the Bowdoin-Macmillan arctic expedition, 1934, '37, 12-42.
- Maine records of the eastern glossy ibis, '37, 382.
- Hepburn's rosy finch in Maine, '37, 396-397.
- Eider ducks of Kent's Island, '38, 387-400.
- Gross, (Miss) Margaret Edith.**
- see Van Tyne, J., 'Check-list of the birds of Michigan' (rev.), '39, 98-99.
- Birds of Blaney Park (rev.), '39, 202.
- The "Little mockingbird" (rev.), '40, 271.
- Gross, William Albert Otto.**
- The life history cycle of Leach's petrel (*Oceanodroma leucorhoa leucorhoa*) on the outer sea islands of the Bay of Fundy, '35, 382-399.
- Grosvenor, Gilbert.**
- Egrets at Cape Breton Island, N. S., '31, 111-112.
- Grosvenor, G., and Wetmore, A.**
- National Geographic Society's "Book of birds" (rev.), '37, 554-555.
- Grote, Hermann.**
- Wanderungen und Winterquartiere der paläarktischen Zugvögel in Afrika (rev.), '31, 147.
- On the avifauna of Novaya Zemlaya (rev.), '32, 506.
- Zur Kenntnis der Tannenmeisenzüge (rev.), '37, 411.
- Zur Fortpflanzungsbiologie einiger Strandläuferarten (*Calidris*) (rev.), '38, 148.
- [*Anthus nicholsoni chapini* subsp. nova] (rev.), '38, 572.
- Die Vögel von Franz-Joseph-Land (rev.), '38, 692.
- Der Terekwasserläufer (*Terekia cinerea* Gould) und sein Nest (rev.), '39, 102.
- Brütet beim Zwergstrandläufer nur das Weibchen (rev.), '39, 202.
- Ueber Wanderungen der Raufuss-hühner (*Tetraonidae*) in Russland (rev.), '39, 495.
- Klimatisch bedingte Schwankungen der Gelegegrösse innerhalb derselben Vogelrasse (rev.), '39, 495.
- Beiträge zur Biologie einiger Limicolen (rev.), '39, 495.
- Die Grösse des Geleges beim Polartau-cher (*Colymbus arcticus*) (rev.), '40, 127.
- Wanderungen des Jagdfalken (*Falco rusticolus*) (rev.), '40, 271.
- Der Zug der Rothalsgans, *Branta ruficollis* (Pall.) (rev.), '40, 271.
- grotei (Alcippe), see Alcippe.
- (*Luscinia*), see *Luscinia*.
- (*Serinus*), see *Serinus*.
- Ground-Finch, Azara's, see *Emberizoides herbicola*.

- Grouse, Alaska Spruce, see *Canachites osgoodi*.
 Appalachian Ruffed, see *Bonasa monticola*.
 Canada Ruffed, see *Bonasa togata*.
 Canada Spruce, see *Canachites canace*.
 Columbian Sharp-tailed, see *Pedioecetes columbianus*.
 Dusky, see *Dendragapus obscurus*.
 Eastern Ruffed, see *Bonasa umbellus*.
 Fleming's, see *Dendragapus flemingi*.
 Franklin's, see *Canachites franklini*.
 Gray Ruffed, see *Bonasa umbelloides*.
 Hudsonian Spruce, see *Canachites canadensis*.
 Minnesota Ruffed, see *Bonasa medianus*.
 Mount Pinos, see *Dendragapus howardi*.
 Northern Ruffed, see *Bonasa canescens*.
 Northern Sharp-tailed, see *Pedioecetes phasianellus*.
 Nova Scotia Ruffed, see *Bonasa thayeri*.
 Oregon Ruffed, see *Bonasa sabini*.
 Pinnated, see *Tympanuchus americanus*.
 Prairie Sharp-tailed, see *Pedioecetes campestris*.
 Red, see *Lagopus scoticus*.
 Richardson's, see *Dendragapus richardsoni*.
 Ruffed, see *Bonasa umbellus*.
 Scottish, see *Lagopus scoticus*.
 Sharp-tailed, see *Pedioecetes phasianellus*.
 Sierra, see *Dendragapus sierrae*.
 Sitka, see *Dendragapus sitkensis*.
 Sooty, see *Dendragapus fuliginosus*.
 Valdez Spruce, see *Canachites atratus*.
 Willow, see *Lagopus lagopus*.
 Yukon Ruffed, see *Bonasa yukonensis*.
Gruae, *tax.* '31, 635.
Gruidae, *tax.* '31, 635.
Gruiformes, *eye.* '38, 230, 238, 241; *hbt.* '40, 175; *incub.* '40, 58; *paras.* '37, 505, '40, 517.
Gruimorphae, *tax.* '31, 634.
Grus americana (^aWhooping Crane), *Ill.* '37, 388^a; *La.* '34, 399, '38, 599^a, 670; *Nebr.* '37, 108^a, '38, 157^a, 689^a; *Tex.* '40, 289^a.—*age.* '31, 317^a; *bib.* '34, 119^a; *incub.* '40, 53^a; *protec.* '39, 212–213^a, 217^a, 218^a; '40, 280^a, 289^a.
canadensis (^aLittle Brown Crane), *Calif.* '40, 434^a; *Ill.* '37, 388; *Mex.* '33, 424.—*egg.* '40, 55^a; *incub.* '40, 55^a, 58^a; *meas.* '33, 382.
grus (^aCrane, Common Crane, European Crane, ^bMegalornis), *Finl.* '38,

- 578^a; *Germ.* '39, 353^a, 354^a; *Hungary.* '38, 580.—*biol.* '32, 514^a; *mig.* '39, 104^a; *nest.* '31, 315^b; *misc.* '31, 641^b, '32, 140^a, '36, 364^a.
pratensis (^aFlorida Crane, Sandhill Crane), *Fla.* '31, 154^a, '36, 381^a, '40, 282^a; *Miss.* '38, 598–602.—*nid.* '38, 599–602; *pl.* '38, 600; *protec.* '39, 217^a, '40, 282^a; *young.* '38, 600–602.
tabida (^aSandhill Crane, ^bMexicana), *Alta.* '31, 263^a; *Calif.* '40, 434^a; *D. C.* '33, 191^a; *Ga.* '38, 252^a; *Ida.* '38, 582^a; *Ill.* '37, 388^a; *Ky.* '38, 670; *Mich.* '31, 594^b, '34, 22, 118^a, 302–305^a, '35, 362, '37, 310, '39, 227; *Tex.* '38, 64; *Utah.* '38, 582^a; *W. Va.* '33, 191^a; *Wisc.* '39, 355^a.—*egg.* '31, 594^b; *hbt.* '37, 108, '40, 429^a; *mig.* '34, 302–305^a, '37, 47^a, '40, 282^a; *nest.* '31, 594^b.
grus (*Grus*), see *Grus*.
 — (*Megalornis*), see *Grus*.
grylle (*Cepphus*), see *Cepphus*.
 — (*Uria*), see *Cepphus*.
gryphus (*Vultur*), see *Vultur*.
Guacharo, see *Steatornis caripensis*.
Guadeloupe Island.
 Clark, A. H., '34, 377.
guadeloupensis (*Ara*), see *Ara*.
 — (*Dendroica*), see *Dendroica*.
Guara, *Venez.* '35, 329.
alba (^aWhite Ibis), *Ala.* '32, 459; *Bah. I.* '38, 52; *Fla.* '31, 248, 423^a, '32, 236^a, '35, 198, '36, 347, 381^a, '40, 285^a; *La.* '33, 351^a; *P. R.* '38, 53; *Tex.* '40, 292^a.—*egg.* '40, 56^a; *fd.* '38, 567^a; *incub.* '40, 56^a, 58^a; *misc.* '38, 568^a.
rubra (^aScarlet Ibis), *Ga.* '38, 244^a.
guarauna (*Plegadis*), see *Plegadis*.
guarouba (*Aratinga*), see *Aratinga*.
 — (*Conurus*), see *Aratinga*.
 — (*Eupsittula*), see *Aratinga*.
Guatemala.
 Blake, E. R., '36, 219.
 Carriker, M. A., and de Schauensee, R. M., '36, 240–241 (rev.).
 Deignan, H. G., '33, 429.
 Griscom, L., '32, 374–375 (rev.).
 Heilfurth, F., '38, 303 (rev.).
 Kelso, L., and Kelso, Estelle H., '36, 215–216.
 Moore, R. T., '40, 366–385.
 Moore, R. T., and Peters, J. L., '39, 38–56.
 Nelson, E. W., '33, 141 (rev.).
 Skutch, A. F., '33, 120–121, 437, '35, 257–273, '37, 135–146.
 Stadelmann, R., '39, 499 (rev.).
 Van Rossem, A. J., '31, 35, '35, 208 (rev.), '39, 109 (rev.).
 Van Tyne, J., '36, 117 (rev.).
guatemalae (*Otus*), see *Otus*.

- (Otus), see *O. rarus*.
- (Scops), see Otus.
- (Sialia), see Sialia.
- (Tyto), see Tyto.
- guatemalensis (Grallaria), see Grallaria.
- (Pitangus), see Pitangus.
- guayaquilensis (Pachyrhamphus), see Pachyrhamphus.
- guerini (Chloropicus), see Picus.
- (Picus), see Picus.
- guerrerensis (Aphelocoma), see Aphelocoma.
- (Automolus), see Automolus.
- (Otus), see Otus.
- Guggisberg, C. A. W.**
- Auf den Vogelinseln von Pembroke-shire 26 April–2 Mai, 1937 (rev.), '38, 148, 572.
- guianensis (Piculus), see Piculus.
- guldinigi (Amazona), see Amazona.
- guillemi (Paradisaea), see Paradisaea.
- Guillemot, see Uria aalge.
- Black, see Cepphus grylle.
- Brünnich's, see Uria lomvia.
- Mandt's, see Cepphus mandti.
- guilloti (Penthestes), see Penthestes.
- Guinea-fowl, Crested, see *Guttera edouardi*.
- Vulturine, see *Acryllium vulturinum*.
- White-breasted, see *Agelastes meleagrides*.
- guineae (Sterna), see Sterna.
- Guira guira**, *Argent.* '40, 179, 215; *Bras.* '40, 179, 215, 482; *Urug.* '40, 517.—*behav.* '40, 472–483; *court.* '40, 477; *dist.* '40, 472; *egg.* '40, 479, 482; *flight.* '40, 478; *fd.* '40, 479; *hbt.* '40, 179, 215, 472–484; *hosts.* '40, 213, 482, 484; *nid.* '40, 475–483; *nomen.* '40, 478; *nole.* '40, 476–477, 483; *paras.* '40, 517; *parasitism.* '40, 213, 482, 484.
- guira (Guira), see Guira.
- Guiraca caerulea** (*Blue Grosbeak, *blazu-* la), *Fla.* '31, 253; *Ia.* '32, 494^b; '33, 124; *Mass.* '33, 445; *N. E.* '37, 379^a; *O.* '31, 123; *Okla.* '38, 507; *W. Va.* '36, 90, 91.
- eurhyncha** (Blue Grosbeak), *Guat.* '33, 120.—*nest.* '33, 120.
- salicaria** (California Blue Grosbeak, *blazula*), *Calif.* '31, 63^b.—*hbt.* '31, 63^b.
- guirahuro (Pseudoleistes), see Pseudoleistes.
- gularis (Aspatha), see Aspatha.
- (Demigretta), see Demigretta.
- (Egretta), see Demigretta.
- (Garrulax), see Garrulax.
- (Halcyon), see Halcyon.
- (Icterus), see Icterus.
- (Iole), see Iole.
- (Melithreptus), see Melithreptus.
- (Mixornis), see Mixornis.

- (Monticola), see Monticola.
- (Nicator), see Nicator.
- (Rhipidura), see Rhipidura.
- Gull, American Herring, see *Larus smithsonianus*.
- Black-headed, see *Larus ridibundus*.
- Bonaparte's, see *Larus philadelphia*.
- California, see *Larus californicus*.
- Common, see *Larus canus*.
- Dusky, see *Larus fuliginosus*.
- Franklin's, see *Larus pipixcan*.
- Glaucous, see *Larus hyperboreus*.
- Glaucous-winged, see *Larus glaucescens*.
- Gray, see *Larus fuscus*.
- Great Black-backed, see *Larus marinus*.
- Heermann's, see *Larus heermanni*.
- Herring, see *Larus argentatus* and *L. smithsonianus*.
- Iceland, see *Larus leucopterus*.
- Ivory, see *Pagophila alba*.
- Kumlien's, see *Larus kumlieni*.
- Laughing, see *Larus atricilla*.
- Lesser Black-backed, see *Larus fuscus* and *L. graellsii*.
- Little, see *Larus minutus*.
- Pacific, see *Gabianus pacificus*.
- Red-billed, see *Larus scopulinus*.
- Ring-billed, see *Larus delawarensis*.
- Ross's, see *Rhodostethia rosea*.
- Rosy, see *Rhodostethia rosea*.
- Sabine's, see *Xema sabini*.
- Short-billed, see *Larus brachyrhynchus*.
- Silver, see *Larus novae-hollandiae*.
- Slaty-backed, see *Larus schistisagus*.
- Southern Black-backed, see *Larus dominicanus*.
- Swallow-tailed, see *Creagrurus furcatus*.
- Thayer's, see *Larus thayeri*.
- Tibetan, see *Larus brunneicephalus*.
- Western, see *Larus occidentalis*.
- Wyman's, see *Larus wymani*.
- Yellow-footed, see *Larus livens*.
- Gunderson, Millard Fillmore, and Kalmbach, E. R.**
- see Kalmbach and Gunderson.
- gundlachi (Mimus), see Mimus.
- Gunter, R. T.**
- The Oxford dodos (rev.), '38, 572.
- gurae (Francolinus), see Francolinus.
- Gustafson, Axel Ferdinand, et al.**
- Conservation in the United States (rev.), '39, 350–351.
- Gutsell, James Squier.**
- Sooty shearwater and Audubon's shearwater in North Carolina, '31, 105–106.
- guttata (Fregatta), see Fregatta.
- (Fregattornis), see Fregatta.

- (Hylocichla), see Hylocichla.
 — (Tyto), see Tyto.
 guttatus (Passerculus), see Passerculus.
Guttera edouardi (*Crested Guinea-fowl), *syst.* '40, 121^a.
 gutturalis (Habia), see Habia.
 — (Neocichla), see Neocichla.
 — (Sporophila), see Sporophila.
 gutturosus (Manacus), see Manacus.
Gwynne, A. J.
 Notes on the green catbird (Ailuroedus crassirostris) (rev.), '38, 572.
Gygis alba subsp., *misc.* '37, 148.
Gyldenstolpe, Count Nils (Carl Gustaffersen).
 On a new spine-tail from east Ecuador together with some notes on the forms of the Synallaxis rutilans group (rev.), '31, 149.
 Notes on ant wrens allied to Myrmotherula surinamensis Gmelin, together with the descriptions of two new forms (rev.), '31, 149.
 gyldenstolpei (Picus), see Picus.
Gymnasio lawrencii (Cuban Bare-legged Owl), *foot.* '36, 51.
 newtoni (Newton's Owl, Bare-legged Owl), *V. I.* '36, 456.—*fd.* '36, 457; *song*, '36, 456-457; *type*, '35, 186.
Gymnobucco vernayi, *Angola*, '32, 253.
Gymnogenys, *Rhodesia*, '36, 106.
 radiatus, *anat.* '35, 330.
Gymnogyps californianus (*California Condor), *Calif.* '37, 226^a, '39, 107^a, '40, 279^a; *Fla.* '36, 386^a (fos.).—*behav.* '39, 501^a; *conserv.* '40, 134^a, 279^a; *destr.* '37, 226-227^a, '39, 107^a; *mtl.* '38, 305^a; *pter.* '39, 407-410; *status*, '39, 212^a, 218^a; *misc.* '37, 556^a.
Gymnophis bicolor, *misc.* '34, 9.
 olivascens, *Hond.* '36, 191.—*colors*, '36, 191.
Gymnorhina, *anat.* '31, 639.
 hypoleuca (White-headed Crow-Shrike), *N. Z.* '34, 492.
Gymnorhinus, see Cyanocephalus.
Gymnoris dankali, *Abyssinia*, '35, 348.
Gymnostinops montezuma (Oropendola), *Hond.* '36, 193.—*colors*, '36, 193; *fd.* '36, 193; *misc.* '35, 259.
Gypaetus barbatus (*Lammergeier, Bearded Vulture), *Fr.* '37, 565^a.—*misc.* '35, 475, '36, 249^a.
Gypohierax angolensis (Vulturine Fish Eagle), *Afr.* '37, 417.
Gyps fulvus (*Griffon Vulture), *Jerusalem*, '33, 184; *Spain*, '39, 496^a.
 Gyr Falcon, see Falco candicans.
 Black, see Falco obsoletus.
 White, see Falco candicans.

H

- Haartman, Lars von.**
 Till kännedomen om viggens, Nyroca fuligula (L.), häckningspsykologi i skärgården (rev.), '38, 692.
 Ueber den Herbstzug von Numenius a. arquata (L.) und die Witterung (rev.), '40, 127.
Haas, Gerhard.
 Beiträge zum Vorkommen und zur Fortpflanzungsbiologie des Karmingimpels am Drausensee (rev.), '39, 355.
 Zur Brutbiologie der Kornweihe (rev.), '40, 127.
 haasti (Apteryx), see Apteryx.
 habessinicus (Cinnyris), see Cinnyris.
Habia aurantiicapilla, *Pan.* '38, 144.
 bahiae, *Bras.* '37, 213.
 fuscicauda (*Dusky-tailed Ant Tanager, ^bPhoenicotheraupis), *Pan.* '35, 327^a.—*tax.* '37, 212.
 gutturalis, *tax.* '37, 212.
 hesterna, *Bras.* '37, 562.
 melanocephala, *misc.* '35, 360.
 salvini, *tax.* '37, 212.
Habroptila wallacei, *Halmahera*, '33, 247.
Hachisuka, Marquess (Masauji).
 The birds of the Philippine Islands with notes on the mammal fauna (rev.), part 1, '31, 454; part 2, '33, 240; part 3, '35, 211; part 4, '36, 108.
 [On Edwards's painting of the dodo] (rev.), '38, 302-303.
 [A new Kaleege pheasant, Gennaues moffitti] (rev.), '38, 692.
 Contributions on the birds of Hainan (rev.), '40, 433.
 Note on Gennaues moffitti (rev.), '40, 433.
 The red jungle fowl from the Pacific islands (rev.), '40, 433.
Hachisuka, Marquess, and **Taka-Tsukasa**, Prince.
 A new race of partridge from Manchuria (rev.), '39, 495.
Hachisuka, Marquess, and **van Rossem**, A. J.
 see van Rossem and Hachisuka.
Hachisuka, Marquess, et al.
 A hand-list of the Japanese birds (rev.), '33, 136.
 Birds of Jehol (rev.), '35, 476.
 hachlowi (Eremophila), see Otocoris.
 — (Otocoris), see Otocoris.
 hadii (Geocichla), see Geocichla.
 — (Geocichla), see Geocichla.
 haemastica (Limosa), see Limosa.
 haematod (Trichoglossus), see Trichoglossus.

haematonotus (Psephotus), see Psephotus.

Haematopus, *V. I.* '36, 456, '38, 553.

bachmani (Black Oyster-catcher), *tax.* '34, 540; *type loc.* '34, 403.

frazari (Frazar's Oyster-catcher), *C. R.* '33, 299.

longipes, *life hist.* '31, 639.

ostralegus (*European Oyster-catcher, Oyster-catcher), *Ural Mts.* '38, 136^a; *Wales*, '38, 148^a.—*fd.* '40, 588^a; *hbt.* '40, 588^a; *physiol.* '40, 210, 218; *misc.* '31, 465, '40, 270^a.

palliatus (*American Oyster-catcher, Oystercatcher), *Fla.* '31, 247^a, 437, 596^a, '34, 96, '35, 462, '36, 347; *Ga.* '31, 279^a; *N. C.* '33, 231, '35, 318, '37, 453; *S. C.* '33, 360^a, '35, 98, 308^a; *W. I.* '34, 233.—*egg*, '40, 56^a; *incub.* '40, 56^a, 58^a; *protec.* '39, 217^a; *tax.* '34, 540.

Hagar, Joseph Archibald.

Rare shore-birds on the Massachusetts coast, '36, 330–331.

Winter shorebird notes from Massachusetts, '37, 388–389.

Hawks at Mount Tom (rev.), '37, 411–412.

More hawks at Mt. Tom (rev.), '38, 303.

Hagar, J. A., and **Peters**, J. L.

see Peters and Hagar.

Hagdown, see *Puffinus gravis*.

hainanus (*Caprimulgus*), see *Caprimulgus*.

— (*Lanius*), see *Lanius*.

— (*Picus*), see *P. tancolo*.

Haiti.

Bond, R. M., '34, 500–502.

Lincoln, F. C., '40, 569.

Wetmore, A., '32, 506–507 (rev.), '39, 73, '40, 105.

Wetmore, A., and **Lincoln**, F. C., '32, 36–37, '34, 271 (rev.).

Wetmore, A., and **Swales**, B. H., '31, 451–452 (rev.).

Hake, Albert Henry, 1909–1932.

Obituary, '33, 83.

Halcyon borneana, *Borneo*, '31, 459.

chelicuti, *tax.* '33, 142; *misc.* '33, 384.

chloris (*Mangrove Kingfisher), *Australia*, '37, 416^a.—*fd.*, *nest*, '37, 416^a; *misc.* '31, 461.

cyanescens, *Borneo*, '36, 124.—*misc.* '35, 127.

gularis (White-throated Kingfisher), *P. I.* '38, 213.—*hbt.*, *nid.*, '38, 213.

lindsayi (Lindsay's Kingfisher), *P. I.* '38, 213.—*egg*, '38, 213.

nigrorum, *P. I.* '35, 211.

palawanensis, *P. I.* '35, 211.

sanctus (Sacred Kingfisher), *Bismark Arch.* '38, 152; *N. Z.* '34, 491.

Halcyones, *Germ.* '39, 345.—*ost.* '35, 360.

Halcyoninae, *tax.* '34, 426.

Haldeman, (Miss) Doris Weiss.

A study of the eastern song sparrow, *Melospiza melodia melodia*, '31, 385–406.

Haliaeetus alascanus (*Northern Bald Eagle, Bald Eagle, ^bwashingtoniensis), *Alas.* '40, 283^a; *Mich.* '34, 25, '40, 125^a; *N. H.* '35, 305; *N. C.* '37, 462^b.—*destr.* '40, 283^a; *nest*, '40, 125^a; *tax.* '38, 290^b.

albicilla (*Gray Sea Eagle, White-tailed Eagle, ^bOrfraye), *Alas.* '39, 151; *Germ.* '38, 311^a, '39, 500^a; *Ice.* '40, 435, 587^a.—*dist.* '33, 202, '39, 151; *fd.* '34, 258, 416^a, 417, '38, 310^a, '39, 151; *hbt.* '40, 175; *nomen.* '40, 80^b; *tax.* '38, 290; *misc.* '36, 236^a, '37, 555^a.

groenlandicus, *dist.* '33, 202.

leucocephalus (*Bald Eagle, American Eagle), *Acadia*, '40, 79^a; *Ark.* '36, 349; *Fla.* '35, 79, '37, 296–299, '38, 524–525, '40, 434^a; *Md.* '36, 301–305; *Mass.* '37, 411^a; *N. J.* '36, 394^a, 401^a, 403; *N. Y.* '35, 97; *N. C.* '37, 453; *O.* '31, 367, 377^a, '32, 307–323, 428–435, '33, 35–53; *Pa.* '34, 20, '35, 243, 246, '39, 432–437, '40, 248^a; *S. C.* '36, 311, '40, 413; *Tenn.* '32, 130^a; *Va.* '40, 434^a; *Wyo.* '38, 142^a.—*avic.* '32, 428; *flight*, '39, 432^a; *fd.* '36, 302–305, '38, 524, '40, 127^a, 413; *hbt.* '35, 79, '38, 524–525, '40, 529–530; *life hist.* '32, 307–323, 428–435, '33, 35–53, '35, 206; *mig.* '35, 243, 246, '36, 403, '37, 411^a, '39, 435–437, '40, 248^a; *nest*, '35, 79, '36, 301–304, '37, 298–299; *pl.* '32, 307, 314, 322, 429, 432, '33, 35, 40, 46; *protec.* '40, 129^a, 283^a, 288^a, 596^a; *wt.* '31, 573; *misc.* '36, 382, 385, '38, 537^a, '39, 75^a, 151^a, '40, 262^a, 584^a.

leucogaster (White-breasted Sea-eagle), *P. I.* '38, 201–202.—*fd.*, *hbt.*, *nid.*, *note*, '38, 201–202.

haliaeetus (*Pandion*), see *Pandion*.

Haliastur intermedius (Malay Brahminy Kite), *P. I.* '38, 200–201.—*fd.*, *hbt.*, *nid.*, '38, 200–201.

sphenurus, *anat.* '35, 330.

Haliëtor, *tax.* '35, 75.

africanus, *tax.* '35, 75.

brevirostris (*White-throated Cormorant, ^bPhalacrocorax), *N. Z.* '34, 490^{ab}.

melanoleucos, *tax.* '35, 75.

halieus (*Pelecanus*), see *Pelecanus*.

Halle, Louis Joseph, Jr.

Birds against men (rev.), '38, 682.

- Haller, Karl William.**
Notes from West Virginia, '38, 676-678.
A new wood warbler from West Virginia (rev.), '40, 433.
- Haller, K. W., and Brooks, M.**
see Brooks and Haller.
- Haller, K. W., Handlan, J., Margolin, A., and Brooks, M.**
Eastern Henslow's sparrow and Lincoln's sparrow in West Virginia, '36, 91.
- Haller, Werner.**
Ein Beitrag zur Kenntnis der Verbreitung und Nistweise von Haus und Feldsperling im schweizerischen Hügelland (rev.), '37, 412.
- Hallinen, Joseph Edward, 1859-1932.**
Obituary, '33, 261, '34, 70.
- Hallman, Roy Cline.**
Brewer's blackbird in Florida, '40, 574.
- Halmahera.**
Heinrich, G., '33, 247 (rev.).
Kuroda, N., '39, 356 (rev.), '40, 128 (rev.).
- halmaherae** (Semiopetra), see Semiopetra.
- halmaturina** (Zosterops), see Zosterops.
- halophilus** (Passerculus), see Passerculus.
- halseii** (Dendroica), see Dendroica.
- Hamaker, John Irvin.**
Summer tanager (Piranga rubra) eating wasps, '36, 220-221.
Summer tanagers again destroy wasp nests, '36, 451.
- Hambleton, James Chase, 1863-1938.**
Obituary, '39, 122.
- Hamerstrom, Frederick Nathan, Jr.**
Central Wisconsin crane study (rev.), '39, 355.
A study of Wisconsin prairie chicken and sharp-tailed grouse (rev.), '39, 495.
- Hamerstrom, F. N., Jr., and Errington, P. L.**
see Errington and Hamerstrom.
- Hamilton, James Erik.**
The Chilean skua in Falkland Islands (rev.), '37, 412.
- Hamilton, William John, Jr.**
Blue jay feeding on stoneflies, '32, 352.
A late nesting waxwing in central New York, '33, 114-115.
The importance of stoneflies in the winter food of certain passerine birds, '33, 373-374.
Hailstorms and avian mortality, '37, 97.
Winter roosting habits of slate-colored juncos, '40, 258.
- Hamling, H. H.**
Notes from Lomagundi District, Southern Rhodesia (rev.), '37, 412.
- Hammerhead**, see *Scopus bannermani*.
- hammondi** (Empidonax), see Empidonax.
- Hampe, Helmut.**
My tame barn owl (rev.), '37, 412.
Zur Biologie des Rosellasittichs, *Platycercus eximius* (rev.), '37, 562.
Ueber Nestbau und Geschlechtsunterschiede der Agapornis-Arten (rev.), '38, 573.
Zur Biologie des Singsittichs, *Psephotus haematonotus* (Gould) (rev.), '39, 102.
Zur Systematik von Agapornis (rev.), '39, 355.
- Hampe, Irving Edward, Seibert, H., and Kolb, H.**
Purple gallinule in Maryland, '39, 475.
- Hand, Henry Walker, 1869-1932.**
Obituary, '32, 521.
- Hand, Ralph Levi.**
A sight record of the red phalarope (*Phalaropus fulicarius*) in northern Idaho, '35, 180-181.
Notes from northern Idaho, '37, 97-98.
- Handlan, James T., Jr.**
Heavy flight of waterfowl on Lake Lynn, West Virginia, '38, 129-130.
(See also Haller, Handlan, Margolin and Brooks).
- Handley, Charles Overton.**
The black vulture in Greenbrier County, West Virginia, '31, 598-599.
- Hankinson, Thomas Leroy, 1876-1935.**
Obituary, '36, 129, '37, 125.
- Hann, Harry Wilbur.**
Life history of the oven-bird in southern Michigan (rev.), '38, 148-149.
Polyandry in the oven-bird (rev.), '40, 589.
- Hanna, Wilson Creal.**
Siberian peregrine falcon in North America (rev.), '40, 589.
- Hanson, Harold C., and Cottam, C.**
see Cottam and Hanson.
- haplochrous** (*Turdus*), see *Turdus*.
- Haplornis**, *nomen*. '33, 143.
- Harding, Katharine C. (Mrs. Richard Bruce).**
Nesting habits of the black-throated blue warbler, '31, 512-522.
- Hargrave, Lyndon Lane.**
Stilt sandpiper in Arizona, '36, 211.
Bird bones from abandoned Indian dwellings in Arizona and Utah (rev.), '40, 127.
- Harkness, William John Knox.**
Notes on introduced capercaillie (rev.), '38, 573.
- harlani** (*Buteo*), see *Buteo*.
- harlic** (*Procellaria*), see *Procellaria*.
- Harlee, Harry Lee.**

- Great black-backed gull on the South Carolina coast, '33, 217.
- Harmon, John Will.**
Partial albinism in a bronzed grackle, '39, 481.
- Harpagus, ost., tax.,** '38, 305.
- Harper, Eduardo C., and Drabble, L.**
Sobre la nidificación de los flamencos (*Phoenicopterus ruber chilensis* Mol.) (rev.), '37, 221.
- Harper, Francis.**
Physiographic and faunal areas in the Athabasca and Great Slave Lake region (rev.), '31, 306.
The boat-tailed grackle of the Atlantic coast (rev.), '34, 265.
The Vultur sacra of William Bartram, '36, 381-392.
The distribution of the limpkin and its staple food, *Pomacea* (rev.), '37, 221.
- Harpia harpyja** (*Harpy Eagle), C. R. '38, 578^a.—*nest*, '38, 578^a; *misc.* '40, 438^a.
- harpyja (*Harpia*), see *Harpia*.
- Harrier, Hen, see *Circus cyaneus*.
Marsh, see *Circus aeruginosus*.
Montagu's, see *Circus pygargus*.
New Zealand, see *Circus approximans*.
harrietae (*Aethopyga*), see *Aethopyga*.
- Harrington, Paul.**
Kirtland's warbler in Ontario (rev.), '40, 272.
- Harrington, P., and Baillie, J. L., Jr.**
see Baillie and Harrington.
- Harris, Robert Douglas.**
Nest-building and egg-laying of the prairie horned lark, '33, 108-109.
- harrisi (*Nannopterum*), see *Nannopterum*.
harrisoni (*Chloris*), see *Chloris*.
- Harrisson, Thomas Harnett.**
On the normal flight-speed of birds (rev.), '32, 136.
- Harrisson, T. H., and Hollum, P. A. D.**
The great crested grebe enquiry, 1931 (rev.), '32, 510, '33, 137-138.
- Harrower, David Elson.**
Nesting of *Oncostoma* in the Canal Zone, '36, 336-337.
- Hartert, Ernst [Johann Otto], 1859-1933.**
On a collection of birds made by Dr. Ernst Mayr in northern Dutch New Guinea (rev.), '31, 295.
Types of birds in Tring Museum (rev.), '31, 460, '32, 256.
Obituary, '34, 69, 130, 283-286.
- Hartert, E., et al.**
Die Vögel des Weyland-gebirges und seines Vorlandes (rev.), '37, 221-222.
- harterti (*Chalcites*), see *Chalcites*.
— (*Hemiprocne*), see *Hemiprocne*.

- Hartman, Carl Gottfried.**
The hen's egg not fertilized in the ovary (rev.), '37, 412.
- hartwegi (*Melozone*), see *Melozone*.
- Harvey, W. O.**
The East African pitta (*Pitta longipennis* Reichenow) (rev.), '38, 693.
- hasbroucki (*Otus*), see *Otus*.
hasitata (*Pterodroma*), see *Pterodroma*.
hastatus (*Megascops*), see *Otus*.
— (*Otus*), see *Otus*.
- hatcheri (*Palaeospiza*), see *Palaeostruthus*.
— (*Palaeostruthus*), see *Palaeostruthus*.
- Hatt, Robert Torrens.**
Barn swallow's nest without mud, '38, 536-537.
- Havemeyer, Henry Osborne.**
Notes from Mountain Lake, Florida, '33, 370.
- Hawaii.**
Cahalane, V. H., '40, 288.
Caum, E. L., '34, 109 (rev.).
Greenway, J. C., Jr., '39, 479-480.
Hall, L. A., '39, 355 (rev.), '40, 589 (rev.).
Koch, Norma, '38, 575 (rev.).
Miller, A. H., '37, 565 (rev.).
Northwood, J. d'A., '38, 578 (rev.), '40, 436 (rev.).
- Hawfinch, see *Coccothraustes coccothraustes*.
- Hawk, Alaska Red-tailed, see *Buteo alascensis*.
American Rough-legged, see *Buteo s. johannis*.
Antigua Broad-winged, see *Buteo insulicola*.
Black Pigeon, see *Falco suckleyi*.
Black-collared, see *Busarellus nigricollis*.
Broad-winged, see *Buteo platypterus*.
Brown, see *Falco berigora*.
Cooper's, see *Accipiter cooperi*.
Cuban Red-tailed, see *Buteo solitudinis*.
Desert Sparrow, see *Falco phalaena*.
Duck, see *Falco anatum* and *F. peregrinus*.
Eastern Pigeon, see *Falco columbarius*.
Eastern Red-tailed, see *Buteo borealis*.
Eastern Sparrow, see *Falco sparverius*.
Fish, see *Pandion haliaetus*.
Florida Red-tailed, see *Buteo umbinus*.
Florida Sparrow, see *Falco paulus*.
Ghiesbreght's, see *Leucopternis ghiesbreghtii*.
Harlan's, see *Buteo harlani*.

- Hispaniolan Sparrow, see *Falco dominicensis*.
- Krider's, see *Buteo krideri*.
- Lesser Antillean Sparrow, see *Falco caribaeorum*.
- Little Sparrow, see *Accipiter minullus*.
- Marsh, see *Circus hudsonius*.
- Mexican Black, see *Urubitinga anthracina*.
- Pigeon, see *Falco columbarius* and *F. bendirei*.
- Red-shouldered, see *Buteo lineatus*.
- Red-tailed, see *Buteo borealis*.
- Red-winged, see *Heterospizias meridionalis*.
- Richardson's Pigeon, see *Falco richardsoni*.
- Rough-legged, see *Buteo lagopus* and *B. s. johannis*.
- Sennett's White-tailed, see *Buteo hypospodius*.
- Sharp-shinned, see *Accipiter velox*.
- Short-tailed, see *Buteo brachyurus*.
- Sparrow, see *Accipiter nisus*, *Falco phalaena* and *F. sparverius*.
- Swainson's, see *Buteo swainsoni*.
- Texas Red-shouldered, see *Buteo texanus*.
- Western Pigeon, see *Falco bendirei*.
- Western Red-tailed, see *Buteo calurus*.
- Hawk and Owl Society.**
[Organization], '33, 156.
Annual report (rev.), '33, 457-458, '35, 477.
[Projected cooperative study of the duck hawk], '37, 425.
- Hayes, S. P., Jr., and Reading, D. K.**
see Reading and Hayes.
- Hayward, C. Lynn.**
Important heron rookeries in south-eastern Idaho, '34, 39-41.
- Hearing in Birds.**
Brand, A. R., and Kellogg, P. P., '39, 353 (rev.), '40, 125 (rev.).
Kellogg, P. P., '40, 434 (rev.).
Wever, E. G., and Bray, C. W., '37, 423 (rev.).
- hecki** (*Casuaris*), see *Casuaris*.
- Hedemann, H. von.**
Ueber die winterliche Nahrung der Nonnengans (*Branta leucopsis*) (rev.), '38, 573.
- Hedymeles ludovicianus** (*Rose-breasted Grosbeak, ^bZamelodia), *Ala.* '33, 370; *Can.* '40, 517; *Colo.* '38, 676; *D. C.* '33, 451; *Fla.* '31, 247*, '36, 100*; *Ga.* '31, 616^b; *Ill.* '33, 373; *Nev.* '39, 191; *O.* '34, 386*; *Va.* '34, 87.—*cowbird host*, '34, 386*; *feather count*, '36, 168*; *fd.* '32, 379, '33, 451; *paras.* '40, 517; *wt.* '38, 444, 515; *wing area*, '38, 515; *misc.* '36, 361*, '39, 482*.
- maculatus**, *tax.* '32, 489.
- melanocephalus** (*Black-headed Grosbeak, ^bFringilla, ^cepopoeae, ^dxanthomaschalis), *Ala.* '39, 482; *Ariz.* '39, 325; *Mex.* '40, 235, 242; *Okla.* '38, 506-507.—*fd.* '39, 325; *meas.* '38, 507; *nomen.* '34, 549^{bed}; '38, 171*; *plm.* '39, 482; *type*, '32, 489; *wt.* '38, 515; *wing area*, '38, 515; *misc.* '36, 361*.
- papago** (*Rocky Mountain Grosbeak, Black-headed Grosbeak), *Ariz.* '36, 298; *Colo.* '38, 676*.
- hedymeles** (*Phyllergates*), see *Phyllergates*.
- heermanni** (*Larus*), see *Larus*.
- (*Melospiza*), see *Melospiza*.
- heilprini** (*Cyanocorax*), see *Cyanocorax*.
- Heim de Balsac, Henri.**
Biogéographie des mammifères et des oiseaux de l'Afrique du Nord (rev.), '36, 465.
Une conséquence inattendue de la dissémination de la belladone par les oiseaux (rev.), '37, 562.
- Heim de Balsac, H., and Rullier.**
see Rullier and Heim de Balsac.
- Heinrich, Gerd.**
Der Vogel Schnarch (rev.), '33, 247.
- Heinrich, G., and Stresemann, E.**
see Stresemann and Heinrich.
- heinrichi** (*Cacomantis*), see *Cacomantis*.
- (*Carduelis*), see *Carduelis*.
- (*Dryobates*), see *Dryobates*.
- (*Geomalina*), see *Geomalina*.
- Heinrichia calligyna**, *Celebes*, '31, 315.
- Heinroth, Oskar.**
Die Balz des Bulwersfasans, *Lobiophasis bulweri* Sharpe (rev.), '38, 573.
Das Baden der Vögel (rev.), '39, 102.
- Heinroth, O., and Stresemann, E.**
Semi-centennial greetings, *Deutsche Ornithologische Gesellschaft*, '34, 125.
- helenae** (*Calypste*), see *Calypste*.
- (*Stachyris*), see *Stachyris*.
- Heleodytes**, *egg*, '40, 297.
- albicilius** (White-faced Marsh Wren), *Colom.* '31, 55.—*hbt.* '31, 52, 54, 55.
- brunneicapillus**, *myol.* '38, 642.
- capistratus** (*Hooded Cactus Wren), *C. R., Guat., Sal.,* '40, 310.—*hbt.* '40, 310; *nest*, '40, 301*, 310, 311*; *song*, '40, 296, 310.
- chiapensis** (*Chiapas Cactus Wren*, ^b*Campylorhynchus*), *Mex.* '39, 447-449, '40, 311.—*descr., meas.,* '39, 447-

- 449; *nid.* '40, 311; *song*, '40, 296; *syn.* '39, 448^b; *tax.* '39, 447.
- couesi* (*Northern Cactus Wren, Cactus Wren), *Mex.* '35, 254.—*misc.* '38, 166^a.
- impudens*, *Mex.* '40, 547.
- nigricaudatus*, *Mex.* '39, 448.—*tax.* '39, 447.
- purus*, *Mex.* '31, 307.
- restrictus*, *Br. Hond., Mex.*, '40, 547.
- rufinucha*, *plm., tax.*, '39, 447–448.
- seri*, *Mex.* '31, 143.
- vulcanius*, *Mex.* '40, 547*.—*descr., meas.*, '40, 547.
- zonatus* (*Banded Cactus Wren), *Cent. Am.* '40, 294; *Guat.* '40, 547; *Mex.* '40, 547.—*hbt.* '40, 294, 297–298^a, 306^a, 311–312; *life hist.* '35, 259, 269; *nid.* '40, 312; *pl.* '35, 258; *song*, '40, 296.
- heliaca* (Aquila), see *Aquila*.
- Helianthea*, '36, 364.
- bonapartei*, *Colom.* '37, 405.—*hyb.* '37, 405.
- lutetiae*, *Ecuad.* '34, 149.
- Heliodilus*, *Mad.* '37, 214.
- Hellmayr**, Carl Eduard.
- [Obituary of] Emilie Snethlage, '31, 161–162.
- [Obituary of] Raymonde, Comte de Dalmas, '31, 163.
- [Obituary of] Julius von Madarasz, '32, 269–271.
- The birds of Chile (rev.), '32, 501–502.
- Catalogue of birds of the Americas (rev.), '35, 105–106; '36, 103–105; '37, 212–213; '40, 120.
- [Obituary of] Count Josef von Seilern-Aspang, '40, 448–449.
- Hellmayr**, C. E., and **Conover**, H. B.
- Notes on some neotropical game-birds, '32, 324–336.
- hellmayri* (Attila), see *Attila*.
- (*Campylorhamphus*), see *Campylorhamphus*.
- (*Conopophaga*), see *Conopophaga*.
- (*Empidonax*), see *Empidonax*.
- (*Myioborus*), see *Myioborus*.
- (*Selenidera*), see *Selenidera*.
- (*Tyto*), see *Tyto*.
- Helmitheros vermivorus** (*Worm-eating Warbler), *Ala.* '38, 282^a; *Ky.* '35, 465; *Me.* '36, 88; *O.* '36, 228^a; *Okla.* '38, 506; *Pan.* '33, 306; *Pa.* '34, 553^a; *S. C.* '36, 314; *Tex.* '38, 134; *W. Va.* '34, 396.—*blood*, '37, 518; *misc.* '36, 287^a.
- Helmuth**, William Tod, 3rd.
- Notes from eastern Long Island, '34, 247–248, 397–398.
- Iceland gull (*Larus leucopterus*) in Virginia, '34, 375.
- Sabine's gull on Long Island, '37, 101–102.
- Arctic three-toed woodpecker on Long Island, '37, 102.
- The herring gull on Long Island (rev.), '40, 433.
- Heloderma suspectum**, *misc.* '35, 361.
- heloisa* (Atthis), see *Atthis*.
- helva* (Dendrocygna), see *Dendrocygna*.
- hemileucurus* (Campylopterus), see *Campylopterus*.
- Hemiphaga novaeseelandiae** (New Zealand Pigeon), *N. Z.* '34, 491.
- Hemiprocne coronata** (*Indian Crested Swift), *Burma*, '37, 420; *India*, '37, 415^a.—*hbt.* '37, 415^a; *nid.* '37, 415^a, 420.
- harterti*, *Borneo*, '36, 250.
- Hemiprocnitidae**, *Borneo*, '36, 250.
- Hemipus leggei**, *Ceylon*, '39, 501.
- plicatus* (Indian Pied Shrike), *India*, '39, 501.
- Hemitriccus**, *Pern.*, '40, 595.
- Hemphill**, Ashton Erastus, 1849–1932.
- Obituary, '32, 520–521, '33, 83.
- Hen, Hazel, see *Tetrastes bonasia*.
- Heath, see *Tympanuchus cupido*.
- Prairie, see *Tympanuchus americanus*.
- Sage, see *Centrocercus urophasianus*.
- Henderson**, Archibald Douglas.
- The long-billed curlew at Belvedere, Alberta, '31, 418.
- hendersoni* (Limnodromus), see *Limnodromus*.
- Hendricks**, George Bartlett.
- Wilson's phalarope (*Steganopus tricolor*) in Berkshire Co., Mass., '33, 359.
- Notes on the birds of Berkshire County Massachusetts, '33, 366–367.
- Northern phalarope and Baird's sandpiper in Berkshire Co., Mass., '34, 81–82.
- Some 1933 records from Berkshire County, Massachusetts, '34, 390–391.
- A duck hawk attacks four people, '35, 446.
- Cory's shearwater in Berkshire County, Massachusetts, '39, 176.
- A pair of yellow-headed blackbirds visit the Berkshires (rev.), '40, 272.
- Hendrickson**, George Oscar, and **Bennett**, L. J.
- see *Bennett and Hendrickson*.
- Henicorhina boliviana**, *Bol.* '32, 384.
- capitalis*, *Guat.* '37, 198.
- collina*, *Pan.* '39, 206.
- festiva*, *Mex.* '37, 197.
- leucophrys* (*Gray-crowned Wood Wren), *C. R.* '40, 305.—*hbt.* '40, 297,

- 305, 312^a; *nid.* '40, 301^a, 305; *song*, '40, 296, 305.
meridana, *Venez.* '32, 384.
mexicana (Mexican Wood Wren, *leucophrys*), *Mex.* '40, 236^b, 240.—*misc.* '37, 198.
prosthelena (*Wood Wren), *C. R.* '40, 304.—*hbt.* '40, 304–305; *nid.* '40, 301^a, 304–305; *song*, '40, 304.
Hennessy, T. S.
 Long distance flight of a banded blue-bird (rev.), '38, 303.
henrietta (*Phylloscopus*), see *Phylloscopus*.
Henry, Cordia John.
 Eastern brown pelican in North Dakota, '38, 271.
 Notes from North Dakota, '38, 554.
 Golden eagle takes wounded horned owl, '39, 75.
Henry, George Morrison Reid, and **Wait**, W. E.
 Colored plates of the birds of Ceylon, part 3 (rev.), '31, 146.
henryi (*Chordeiles*), see *Chordeiles*.
Henshaw, Henry Wetherbee, 1850–1930.
 Obituary, '31, 85.
 In memoriam, '32, 399–427, por.
henshawii (*Chamaea*), see *Chamaea*.
henslowi (*Passerherbulus*), see *Passerherbulus*.
Henze, Otto.
 Neue Wege des Vogelschutzes in Obst und Gartenbau (rev.), '37, 562–563.
hepatica (*Piranga*), see *Piranga*.
heptreni (*Circaetus*), see *Circaetus*.
herbicola (*Emberizoides*), see *Emberizoides*.
herero (*Bradornis*), see *Namibornis*.
 — (*Namibornis*), see *Namibornis*.
Hering, Paul E.
 The food of the American crow in central New York State, '34, 470–476.
Herman, Otto, 1835–1914.
 [Centennial of his birth], '35, 225.
Herman, William Cephas.
 [Roseate spoonbill in Florida], '31, 332–333.
herminieri (*Cichlherminia*), see *Cichlherminia*.
Hermit, Dusky, see *Phoebornis nelsoni*.
Hermes, William Brodbeck, and **Kadner**, C. G.
 The louse fly, *Lynchia fusca*, parasite of the owl, *Bubo virginianus pacificus*, a new vector of malaria of the California valley quail (rev.), '38, 149.
herodias (*Ardea*), see *Ardea*.
Herodiones, *ost.* '35, 360; *misc.* '40, 167.
Heron, Black-crowned Night, see *Nycticorax hoactli*.
 Boat-billed, see *Cochlearius zeledoni*.
 Buff-backed, see *Bubulcus ibis*.
 Cattle, see *Bubulcus ibis*.
 Cocoi, see *Ardea cocoi*.
 Common, see *Ardea cinerea*.
 Eastern Green, see *Butorides virescens*.
 European, see *Ardea cinerea*.
 European Black-crowned Night, see *Nycticorax nycticorax*.
 Gray, see *Ardea cinerea*.
 Great Blue, see *Ardea herodias*.
 Great White, see *Ardea occidentalis*.
 Green, see *Butorides virescens*.
 Green-backed Mangrove, see *Butorides javanicus*.
 Little Blue, see *Florida caerulea*.
 Little Silver, see *Egretta nigripes*.
 Louisiana, see *Hydranassa ruficollis*.
 Northwest Coast, see *Ardea fannini*.
 Purple, see *Ardea purpurea*.
 Rail, see *Ardeola ralloides*.
 Reef, see *Demigretta sacra*.
 Southern Little Blue, see *Florida caerulescens*.
 Treganza's, see *Ardea treganzai*.
 Tricolored, see *Hydranassa tricolor*.
 Ward's, see *Ardea wardi*.
 West Indian Blue, see *Florida caerulescens*.
 West Indian Great Blue, see *Ardea adoxa*.
 West Indian Green, see *Butorides maculatus*.
 Würdemann's, see *Ardea würdemanni*.
 Yellow-crowned Night, see *Nyctanassa violacea*.
Herpetotheres excubitor, *Mex.* '39, 208.
Herpsilochmus rufomarginatus, *Braz.* '33, 323.
herrani (*Chalcostigma*), see *Chalcostigma*.
Herrick, Francis Hobart, 1858–1940.
 Daily life of the American eagle: early phase, '32, 307–323, 428–435, '33, 35–53.
 The American eagle (rev.), '35, 206.
 Wild birds at home (rev.), '35, 332–333.
 [Introduction to K. Z. Lorenz's 'The companion in the bird's world'], '37, 245.
 Audubon and the Dauphin, '37, 476–499.
 See Arthur, S. C., 'Audubon: an intimate life of the American woodsman' (rev.), '37, 551–552.
 The individual vs. the species in behavior studies, '39, 244–249.
Herrick, Harold, 1853–1933.
 Obituary, '34, 70.

- Hersey, Frank Seymour.**
Notes on tree swallows and bluebirds, '33, 109-110.
Does the robin ever lay white eggs?, '33, 113.
Harris's sparrow in Massachusetts, '36, 92-93.
- Heslop, I. R. P.**
Anomalophrys superciliosus in Nigeria (rev.), '37, 413.
- Hesperiphona abeillei, Mex.** '37, 198.
brooksi (*Western Evening Grosbeak), *Ariz.* '36, 298; *Calif.* '38, 171^a; *Ida.* '39, 484^a; *Wash.* '33, 224.—*fd.* '39, 484^a; *plm.* '33, 224, '39, 191-192.
montana (Mexican Evening Grosbeak, *bvespertina*), *Mex.* '40, 235^b, 236^b, 242.
pallida, misc. '37, 198.
vespertina (*Eastern Evening Grosbeak, Evening Grosbeak), *Ill.* '34, 101; *Ia.* '34, 254; *Mass.* '32, 233, '34, 528; *Mich.* '31, 618, '34, 21, 23, 386-388, '38, 570^a; *N. B.* '35, 195; *N. Y.* '38, 570^a, '40, 406; *Ont.* '38, 298^a, '39, 204^a; *Pa.* '39, 481.—*dist.* '40, 429-430^a; *fd.* '39, 481; *juv. plm.* '34, 386; *mig.* '38, 570^a; *misc.* '36, 59^a, 65^a, 244^a.
- hesperis** (Chordeiles), see Chordeiles.
— (Corvus), see Corvus.
— (Ixobrychus), see Ixobrychus.
hesperophilus (Astragalinus), see Spinus.
— (Spinus), see Spinus.
- Hesperornis**, '38, 140.
- Hesse, Richard, Allee, W. C., and Schmidt, K. P.**
Ecological animal geography (rev.), '37, 556-557.
- hessei** (Picus), see Picus.
hesterna (Habia), see Habia.
heterocnemis (Bubo), see Bubo.
heterogyna (Galbula), see Galbula.
- Heteromyias cinereifrons** (Gray-headed Robin), *misc.* '34, 276.
- Heteronetta, parasitism**, '40, 212.
atricapilla (*Black-headed Duck), *Argent.* '39, 358^a.—*hbt.* '32, 380, '39, 358^a.
- Heteroscelus incanus** (*Wandering Tattler), *nest*, '34, 117^a.
- Heterospizias meridionalis** (Red-winged Hawk), *Venez.* '35, 329.
- Heterotetrax rüppellii**, *S. W. Afr.* '32, 376.
- Heterotrogon vittatum**, *Kenya*, '31, 150.
- Heteroxenicus nangka**, *Siam.* '32, 383.
- heuglini** (Cossypha), see Cossypha.
- Heydweiller, Amelia Marguerite.**
Some bird and egg weights, '35, 203-204.
Correction, '35, 471.
Sex, age and individual variation of

- winter tree sparrows (rev.), '36, 360-361.
- hiaticula** (Charadrius), see Charadrius.
- Hiatt, Benjamin Chapman.**
Avocets and spoonbills on Merritts Island, Fla. '33, 100.
- Hibbard, Claude William.**
Notes from Mammoth Cave National Park (proposed), Kentucky, '35, 465.
- Hibbert-Ware, (Miss) Alice.**
The little owl (rev.), '35, 478.
Report of the little owl food inquiry, 1936-1937 (rev.), '38, 303, 561-562, 573.
- Hickey, Joseph James.**
Courtship note on the laughing gull, '40, 111-112.
Territorial aspects of the American redstart, '40, 255-256.
- Hickey, J. J., and Wilcox, L.**
On the nesting of the black skimmer in New York State (rev.), '38, 693.
- Hicks, Lawrence Emerson.**
Crested flycatchers in Ohio in mid-November, '32, 222.
Common redpoll collected in northern Ohio, '32, 229.
A troupial collected at Columbus, Ohio, '33, 224.
The first appearance and spread of the breeding range of the European starling (*Sturnus vulgaris*), in Ohio, '33, 317-322.
- Brewster's warbler** (*Vermivora leucobronchialis*) in Ashtabula County, Ohio, '33, 441.
Some breeding records for Ohio, '33, 448-449.
Northern phalarope collected near Columbus, Ohio, '34, 82.
Wilson Ornithological Club [semi-centennial greetings to the A. O. U.], '34, 125.
The hoary redpoll in Ohio, '34, 244-245.
A summary of cowbird host species in Ohio, '34, 385-386.
Some recent Ohio records, '34, 401-402.
A migration of mute swans, '35, 301-302.
A ten year study of a bird population in central Ohio (rev.), '35, 341.
A raven specimen from Ohio, '35, 454-455.
Small birds are not decreasing (rev.), '36, 117.
Glaucous gull collected in Ohio, '36, 212.
Notes on the breeding birds of south-eastern Ohio, '36, 227-229.

- Distribution of the breeding birds of Ohio (rev.), '36, 243.
 Western willet in Ohio, '37, 536-537.
 Avocet taken in Ohio, '37, 538.
 An Ohio invasion of Leconte's sparrows, '37, 545-546.
 The breeding birds of unglaciated Ohio (rev.), '38, 149.
 The fifty-fifth stated meeting of the American Ornithologists' Union, November 15-19, 1937, '38, 317-324.
 Sennett's nighthawk in Ohio, '38, 534.
 The western meadowlark in Ohio, '38, 544-545.
 Southern downy woodpecker in Ohio, '39, 83-84.
 The fifty-sixth stated meeting of the American Ornithologists' Union, October 17-22, 1938, '39, 112-123.
 A unique population of water birds in northern Ohio (rev.), '39, 355.
 The fifty-seventh stated meeting of the American Ornithologists' Union, June 19-24, 1939, '40, 141-149.
- Hicks, L. E., and Dambach, C. A.**
 A statistical survey of the winter bird life of southeastern Ohio—Muskingum County (rev.), '37, 222.
- hidalgensis** (Mitrephanes), see *Mitrephanes*.
hiemalis (Nannus), see *Nannus*.
Hiemenz, Nestor Michael, Voth, R. D., and Friedrich, G. W.
 Mountain bluebirds in Minnesota, '35, 456-457.
- Hieraastus fasciatus** (Bonelli's Eagle), *fd.* '34, 258.
pennatus (Booted Eagle), *fd.* '34, 258.
renschii, Sumbawa, '32, 391.
- Hierophasis imperialis** (Imperial Pheasant), *Annam*, '39, 101.—*avic.* '39, 101.
- Higsons, Earl Thomas.**
 Snowy owl on the New Jersey coast, '31, 267.
- hijazensis** (Ammomanes), see *Ammomanes*.
- Hildebrandt, Hugo.**
 Das Vorkommen von *Pagophila eburnea* (Phipps) in Deutschland (rev.), '40, 127.
- Hill, Lewis Webb, and Phillips, J. C.**
 see Phillips and Hill.
- Hill, Mrs. Thomas Roby, —**—1938.
 Obituary, '40, 148.
- Himalayas.**
 Koelz, W., '37, 414 (rev.).
 Ludlow, F., '37, 415 (rev.).
 Whistler, H., '40, 277 (rev.).
- Himantopus leucocephalus** (White-headed Stilt), *N. Z.* '34, 490.
- mexicanus** (*Black-necked Stilt), *Antigua*, '34, 360; *Conn.* '39, 77; *Fla.* '36, 479; *Mex.* '35, 424; *S. C.* '31, 415, 597, '34, 374, '39, 73, 76; *Tex.* '38, 68; *V. I.* '38, 553; *Va.* '33, 195; *W. I.* '34, 103.—*fd.* '34, 360; *hbt.* '36, 479; *nest.* '39, 73; *tax.* '34, 540.
- himantopus** (*Micropalama*), see *Micropalama*.
- Hindwood, K. A.**
 [On flocking of birds] (rev.), '37, 563.
 The occurrence of crested penguins in Australian waters, with particular reference to *Eudyptes pachyrhynchus* (rev.), '39, 356.
- Hine, James Stewart, 1866-1930.**
 Obituary, '31, 323-324, '32, 70.
- Hingston, R. W. G.**
 The meaning of animal colour and adornment (rev.), '34, 454-469.
- Hinshaw, Thomas Doane, and Brodkorb, P.**
 see Brodkorb and Hinshaw.
- hippocrepis** (*Sturnella*), see *Sturnella*.
- Hippolais icterina**, *hbt.* '39, 206; *misc.* '34, 124.
- hirtensis** (*Troglodytes*), see *Troglodytes*.
- hirundinacea** (*Collocalia*), see *Collocalia*.
 — (*Sterna*), see *Sterna*.
- hirundinaceum** (*Dicaeum*), see *Dicaeum*.
- Hirundinidae**, *Afr.* '38, 681, '40, 320, 322.
 — *eye*, '38, 239; *hbt.* '40, 176, 315; *incub.* '40, 322; *misc.* '36, 166.
- Hirundo abyssinica**, *hbt.* '40, 314, 323; *nest.* '40, 313.
erythrogaster (*Barn Swallow, ^b*Hyrondelle*), *Acadia*, '40, 80^{ab}; *Hond.* '36, 192; *Kas.* '38, 47; *Labr.* '37, 36; *Mass.* '32, 102; *Mex.* '35, 424; *Mich.* '38, 536; *Miss.* '33, 439, '35, 188; *N. B.* '32, 222; *N. H.* '34, 391, '36, 94; *N. J.* '36, 394; *N. Y.* '35, 400-407; *N. C.* '37, 456; *O.* '31, 370, '37, 326; *Ont.* '39, 15^a, 16; *Pan.* '31, 121^a, '33, 32, '35, 326; *Pa.* '31, 64, '36, 84; *Que.* '31, 245; *St. Lawrence I.* '38, 306; *S. Am.* '40, 426; *Trin.* '37, 560; *Vi.* '33, 414-419; *V. I.* '38, 131; *W. Va.* '38, 311^a.—*alb.* '36, 94; *band.* '37, 68; *colors.* '36, 192; *cowbird host.* '38, 47; *feather count.* '36, 166; *flight.* '33, 236^a, 316^a, 452^a, '38, 147^a; *growth.* '35, 402-407; *hbt.* '31, 64, '35, 258^a, '37, 65-69; *incub.* '37, 66; *life hist.* '33, 414-419; *mig.* '39, 15-16; *nid.* '35, 188, '36, 84, '37, 65-69, 456-457, '38, 536-537; *tax.* '36, 103, '38, 311^a; *temp.* '35, 402, '38, 156^a; *wt.* '35, 406, '37, 326, '38, 514; *wing area.* '38, 514; *misc.* '36, 356^a, '39, 247^a.
frontalis, *misc.* '34, 560.
gephyra, *China*, '35, 110.

- rufula** (Red-rumped Swallow), *Jerusalem*, '33, 182.
- rustica** (*European Swallow, Common Swallow), *Afr.* '38, 155; *Den.* '38, 155; *Germ.* '37, 405-406, '38, 155; *G. Br.* '38, 155, '39, 207, '40, 428*; *Italy*, '35, 351; *Jerusalem*, '33, 182; *Swed.* '38, 155.—*band.* '38, 155; *behav.* '40, 173; *destr.* '37, 405-406; *fd.* '38, 309, '39, 207; *hbt.* '40, 323; *heart.* '38, 310*; *hyb.* '31, 315; *mig.* '35, 351, '38, 698; *misc.* '35, 127, 484, '36, 103, '38, 311, '40, 74.
- savignii** (Oriental Swallow), *Jerusalem*, '33, 181.
- smithi**, *Afr.* '40, 320.—*fledg.* '40, 320; *hbt.* '40, 323; *incub.* '40, 320.
- tibetana**, *Tibet*, '38, 580.
- unitatis**, *Afr.* '40, 320.—*fledg.* '40, 320; *incub.* '40, 320; *misc.* '31, 636.
- hirundo* (*Sterna*), see *Sterna*.
- hispaniolensis* (*Passer*), see *Passer*.
- hispidoides* (*Alcedo*), see *Alcedo*.
- Historical Ornithology.**
- Allen, Elsa G., '36, 17-21, '37, 349-363, '38, 106-111, '39, 283-290.
- Allen, F. H., '40, 75-82, 417-418.
- Anker, J., '39, 92-94 (rev.).
- Arthur, S. C., '37, 551-552 (rev.).
- Bailey, A. M., '39, 335.
- Bassett, Anna S., '38, 244-254.
- Batchelder, C. F., '38, 294-295 (rev.).
- Bedford, O. H., '37, 560 (rev.).
- Bryant, H. C., '34, 451-453.
- Burns, F. L., '31, 106-108, '34, 225, 403-404.
- Chisholm, A. H., '40, 430 (rev.).
- Christy, B. H., '33, 275-283.
- Clark, A. H., '34, 377, 535.
- Cleland, J. B., '37, 407 (rev.).
- Deane, R., '31, 264-265.
- Eliot, S. A., Jr. '35, 169-175.
- Fisher, A. K., '39, 1-12.
- Friedmann, H., '34, 200-206.
- Gabrielson, I. N., and Jewett, S. G., '40, 580-581 (rev.).
- Gladstone, H. S., '38, 686-687 (rev.).
- Greenway, J., Jr., '31, 175-180.
- Griscom, L., '33, 54-58.
- Hall, F. S., '39, 203 (rev.).
- Harper, F., '36, 381-392.
- Herrick, F. H., '37, 476-499.
- Hood, J. M., '33, 396-402.
- Iredale, T., '38, 574 (rev.), '39, 103 (rev.), 356 (rev.).
- Kofoid, C. A., '38, 496-500.
- Lownes, A. E., '35, 103-104, 154-168, '40, 532-535.
- May, J. B., '31, 284.
- Mayaud, N., '40, 129 (rev.).
- McCartney, E. S., '40, 592 (rev.).
- Mousley, W. H., '34, 297-301.
- Palmer, T. S., '31, 198-206, '33, 83-86.
- Peattie, D. C., '36, 461-462 (rev.).
- Pennell, F. W., '37, 417-418 (rev.), '38, 696 (rev.).
- Pickens, A. L., '34, 404-406.
- Pickens, A. L., and Pickens, B. M., '34, 535-536.
- Redington, P. G., '31, 229-234.
- Roberts, B., '40, 131 (rev.).
- Schorger, A. W., '38, 471-477.
- Shaw, H. S., '40, 112-113.
- Stone, W., '31, 106-109, '36, 242.
- Swaen, A. E., '40, 439 (rev.).
- Weiss, H. B., and Ziegler, Grace M., '31, 299-300 (rev.).
- histrionica* (*Histiophaps*), see *Histiophaps*.
- Histrionicus histrionicus** (*Eastern Harlequin Duck, Harlequin Duck), *Mass.* '39, 180*; *Minn.* '32, 345; *N. Y.* '34, 392; *Que.* '37, 18.—*egg.* '40, 56*; *incub.* '40, 56*, 58*; *misc.* '38, 288*.
- histrionicus* (*Histrionicus*), see *Histrionicus*.
- Histiophaps histrionica** (Flock Pigeon), *misc.* '32, 264.
- Hitchcock**, Frank Harris, 1867-1935.
- Obituary, '35, 490-491, '36, 69.
- hoactli* (*Nycticorax*), see *Nycticorax*.
- hoatzin*, see *Opisthocomus hoazin*.
- hoazin* (*Opisthocomus*), see *Opisthocomus*.
- Hobby, see *Falco subbuteo*.
- Hobson**, Dorothy Madden.
- White pelican in Kentucky, '39, 327.
- hodgei* (*Aquila*), see *A. daphanea*.
- Hoesch**, W.
- Brut- und Mauserbeobachtungen an verschiedenen *Lophoceros* (rev.), '38, 149.
- Vom Paradiesfliegenschnäpper, *Terpsiphone viridis plumbeiceps* (rev.), '39, 102.
- hieschi* (*Anthus*), see *Anthus*.
- Hoffman**, M. L.
- Barrow's goldeneye in Connecticut, '40, 244-245.
- Hoffman**, Ralph, 1870-1932.
- Obituary, '32, 518-519, '33, 83.
- Birds of the Pacific states (rev.), '39, 198.
- Hoffmann**, Bernhard.
- Vom Ursprung und Sinn deutscher Vogelnamen (rev.), '38, 293.
- holboelli* (*Colymbus*), see *Colymbus*.
- (*Falco*), see *Falco*.
- Holdom**, M. W.
- Albino white-crowned sparrow (*Zonotrichia leucophrys nuttalli*) (rev.), '38, 573.

Holland.

- Brower, G. A., '38, 298-299 (rev.).
 Brower, G. A., and Tinbergen, L., '39, 493 (rev.).
 Bruyns, M. F. M., '39, 493 (rev.).
 Buisman, H. H., and van Oordt, G. J., '39, 493 (rev.).
 De Vries, T. G., '38, 571 (rev.).
 Dupont, P., '37, 220 (rev.).
 Eykman, C., '39, 494 (rev.).
 Geyr von Schweppenbergh, H., '37, 220 (rev.).
 Haverschmidt, F., '39, 495 (rev.), '40, 433 (rev.).
 Junge, G. C. A., '38, 574 (rev.).
 Kate, T., '38, 574-575 (rev.), '39, 496 (rev.), '40, 272 (rev.).
 Koch, J. C., '39, 496 (rev.).
 McAtee, W. L., '32, 346-347.
 Tinbergen, L., '37, 421-422 (rev.).
 Tjittes, A. A., '39, 500 (rev.).
 Van Dobben, W. H., '38, 309 (rev.), 583 (rev.), '40, 270 (rev.).
 Van Dobben, W. H., and Bruyns, M. F. M., '40, 271 (rev.).
 Van der Meer, G., '40, 277 (rev.).
Holland, Harold May.
 Late occurrence of eastern mourning doves, '32, 351.
Holland, William Jacob, 1848-1932.
 Obituary, '33, 260, '34, 70.
Hollander, Willard Fisher, and Levi, W. M.
 Twins and late embryonic monstrosities in pigeons, '40, 326-329.
hollandicus (Nymphicus), see *Nymphicus*.
Hollom, Philip Arthur Dominic.
 Observations on the courtship and mating of the smew (rev.), '38, 149-150.
 Report on the 1938 survey of black-headed gull colonies (rev.), '40, 434.
Hollom, P. A. D., and Harrison, T. H.
 see Harrison and Hollom.
Holman, John Paulson.
 Sheep and bear trails (rev.), '34, 265.
Holmes, Paul Foster.
 Some oceanic records and notes on the winter distribution of phalaropes (rev.), '39, 495.
 Behaviour of a dipper feeding in still water (rev.), '39, 495.
holomelaena (*Psalidoprocne*), see *Psalidoprocne*.
Holoquistus, anat. '37, 162.
caribaeus (Western Cuban Grackle), Cuba, '35, 193.—eye, '35, 193.
fortirostris (Barbados Grackle), Antigua, '34, 364.—fd. '34, 364.

- lugubris* (Boat-tailed Grackle), Trin. '38, 45.—cowbird host, '38, 41-45.
holosericeus (*Amblycercus*), see *Amblycercus*.
 — (*Amblyrhampus*), see *Amblyrhampus*.
 — (*Sericotes*), see *Sericotes*.
Holt, Ernest Golsan.
 see Williams, C. B., 'Trinidad birds' (rev.), '31, 449-451.
 A new honey creeper from the Amazon, '31, 570-571.
 Early fall records of the marsh hawk in Alabama, '32, 80.
 A junco junket, '32, 99-100.
 Recent records of the flamingo in Florida, '33, 207-208.
 Blue goose in Alabama, '33, 209.
 Great black-backed gull in Maryland, '33, 216-217.
 A record colony of yellow-crowned night herons, '33, 350-351.
 Definite breeding of the glossy ibis in Louisiana, '33, 351-352.
 Golden eagle in Louisiana, '33, 355.
 Golden eagle in Louisiana: a correction and a reaffirmation of a positive record, '35, 183.
 see Errington, P. L., and Hamerstrom, F. N., Jr., 'The northern bob-white's winter territory' (rev.), '36, 465-467.
holti (*Sicalis*), see *Sicalis*.
Homer, Fred Leroy, 1870-1930.
 Obituary, '31, 86.
homochrous (*Platyparis*), see *Platyparis*.
Homonnay, F. von.
 Die Nistverhältnisse des Wiedehopfes, *Upupa epops* L., in der Umgebung des Balaton-Sees (rev.), '40, 434.
homorus (*Dryobates*), see *D. leucurus*.
hondae (*Formicivora*), see *Formicivora*.
Honduras.
 Bond, J., '36, 469 (rev.), '37, 102.
 Deignan, H. G., '36, 186-193.
 Moore, R. T., '38, 534, '39, 337, '40, 351-385.
 Moore, R. T., and Peters, J. L., '39, 38-53.
 Skutch, A. F., '31, 481-500, '37, 135-146.
 Stone, W., '32, 502-503 (rev.).
 Worth, C. B., '40, 595 (rev.).
honduratus (*Chlorospingus*), see *Chlorospingus*.
 Honey Creeper, Dominica, see *Coereba dominicana*.
 Mexican, see *Coereba mexicana*.
 Honey-eater, Black, see *Myzomela nigra*.
 Black-chinned, see *Melithreptes gularis*.

- Blue-faced, see *Entomyzon cyanotis*.
 Brown-headed, see *Melithreptes brevirostris*.
 Helmeted, see *Meliphaga cassidix*.
 White-eared, see *Meliphaga leucotis*.
 Honey-guide, Common, see Indicator indicator.
 Lyre-tailed, see *Melichneutes robustus*.
Hood, Juliette Mouron.
 Andrew J. Grayson: the Audubon of the Pacific, '33, 396-402.
Hoogerwerf, A.
 Enkele biologische aantekeningen over de kleine zilverreiger, *Egretta garzetta nigripes* (rev.), '37, 413.
 Uit het leven der witte ibissen, *Threskiornis aethiopicus melanocephalus* (rev.), '38, 573.
Hoogerwerf, A., and Siccama, G. F. H. W. R. H.
 De avifauna van Batavia en omstreken (rev.), '38, 573, '40, 272.
 hoopesi (*Sturnella*), see *Sturnella*.
 Hoopoe, see *Upupa epops*.
 Egyptian, see *Upupa epops*.
 hooveri (*Dendroica*), see *Dendroica*.
Hope, Clifford Ernest, and Snyder, L. L.
 see Snyder and Hope.
Hopkins, Cranson Lawrey, and Smith, C. F.
 see Smith and Hopkins.
Hoplopterus spinosus (Spur-winged Plover), *Arabia*, '37, 559.
 hordeacea (*Euplectes*), see *Euplectes*.
Horizillas, tax. '33, 364.
Hornaday, William Temple.
 Thirty years war for wild life (rev.), '31, 448-449.
 Hornbill, Gray, see *Lophoceros nasutus*.
 Great Indian, see *Dichoceros bicornis*.
 Ground, see *Bucorvus abyssinicus*.
 Plicated, see *Rhyticeros plicatus*.
 Trumpeter, see *Bycanistes buccinator*.
 White-thighed, see *Bycanistes albotibialis*.
 hornemanni (*Acanthis*), see *Acanthis*.
 Hornero, see *Furnarius rufus*.
Horst, Fritz.
 Wie gross ist das Jagdgebiet des Wanderralken? (rev.), '37, 563.
 hortensis (*Sylvia*), see *Sylvia*.
Hortling, Ivar Johannes.
 Handbook of the birds of Finland (rev.), part iv, '31, 145; part v, '32, 252-253.
Horton-Smith, C.
 The flight of birds (rev.), '39, 96-97.
 hortorum (*Dryobates*), see *Dryobates*.
 hortulana (*Emberiza*), see *Emberiza*.
Hosking, Eric John.
 Courtship and display of the Slavonian grebe (rev.), '40, 272.
Hostetter, David Ralph.
 Albinism in the phoebe (*Sayornis phoebe*), '34, 524.
 Fish crow taken near Harrisonburg, Virginia, '36, 85.
 houghtoni (*Sheppardia*), see *Sheppardia*.
Howard, Henry Eliot, 1873-1940.
 The nature of a bird's world (rev.), '35, 331-332.
 A waterhen's worlds (rev.), '40, 582-583.
Howard, Hildegard (Mrs. Henry Anson Wyld).
 A new species of road-runner from Quarternary cave deposits in New Mexico (rev.), '32, 134.
 A new species of cormorant from Pleistocene deposits near Santa Barbara, California (rev.), '32, 386.
 Eagles and eagle-like vultures of the Pleistocene of Rancho la Brea (rev.), '33, 137.
 The Rancho la Brea wood ibis (rev.), '36, 118.
 The Rancho la Brea caracara: a new species (rev.), '38, 693.
 A new race of caracara from the Pleistocene of Mexico (rev.), '40, 272.
Howard, Hildegard, and Miller, A. H.
 Bird remains from cave deposits in New Mexico (rev.), '33, 251.
 The avifauna associated with human remains at Rancho la Brea, California (rev.), '39, 495.
Howard, Hildegard, and Miller, L. H.
 see Miller and Howard.
Howard, Hildegard, and Willett, G.
 see Willett and Howard.
Howard, William Johnston.
 Lead poisoning in *Branta canadensis canadensis*, '34, 513-514.
 Wintering of the greater snow geese, '40, 523-531.
Howard, W. J., and Stevenson, J. O.
 see Stevenson and Howard.
 howardae (*Palaeoborus*), see *Palaeoborus*.
 howardi (*Dendragapus*), see *Dendragapus*.
Howell, Alfred Brazier.
 The Maryland hawk bounty (rev.), '32, 507.
 Morphogenesis of the shoulder architecture: Aves, '37, 364-375.
 Muscles of the avian hip and thigh, '38, 71-81.
Howell, Arthur Holmes, 1872-1940.
 [Obituary of] Hiram Byrd, '31, 323.
 [Notice of his 'Florida Bird Life'], '32, 151.

- Florida bird life (rev.), '32, 240-242.
- Howell, A. H., and Burleigh, T. D.**
Notes on the occurrence of certain birds in Princess Anne County, Virginia, '34, 249-250.
Additional notes on birds of Princess Anne County, Virginia, '34, 393-394.
- Howell, Joseph Corwin.**
Bald eagle incubates horned owl's egg, '35, 79.
Avocet on Florida east coast in June, '35, 82.
Egg of gray kingbird contains two embryos, '35, 89.
Breeding of the wood pewee in Volusia County, Florida, '35, 188.
Flamingo seen in Florida, '37, 99.
Early nesting of the Cape Sable seaside sparrow, '37, 102.
The nesting bald eagles of southeastern Florida, '37, 296-299.
- howelli** (*Ammospiza*), see *Ammospiza*.
— (*Passerherbulus*), see *Ammospiza*.
- Howland, Henry Raymond, 1844-1930.**
Obituary, '31, 86.
- hoyeri** (*Sylvia*), see *Sylvia*.
- Hoyt, John Southgate Yeston.**
European teal at Lexington, Virginia, '37, 533.
Saw-whet owl in Lexington, Virginia, '37, 539.
- Hoyt, William Henry, 1855-1929.**
Obituary, '37, 234-235.
- hoyti** (*Otocoris*), see *Otocoris*.
- hrota** (*Branta*), see *Branta*.
- Hubbard, Hugh Wells, and Wilder, G. D.**
see Wilder and Hubbard.
- Huber, Wharton.**
European widgeon in Georgia, '31, 256.
Hutchins's goose in Maryland, '31, 259.
Birds collected in northwestern Nicaragua in 1922 (rev.), '32, 503.
Two specimens of the heath hen from New Jersey, '38, 527-528.
Blue goose and American egret in Chester County, Pennsylvania, '38, 668.
- huberi** (*Otus*), see *Otus*.
- Hudson, George Elford.**
A red-headed woodpecker with incompletely ossified skeleton, '32, 87.
A practical method of degreasing bird skins, '35, 102-103.
Studies on the muscles of the pelvic appendage in birds (rev.), '37, 403-404.
Another record of the Chilean skua (*Catharacta chilensis*) near Westport, Washington (rev.), '40, 272.
- Hudson, G. E., and Sherman, F.**
Some miscellaneous notes on South Carolina birds, '36, 311-315.
- Hudson, G. E., Wieggers, C. R., and Morrison, J. L.**
see Wieggers, Hudson and Morrison.
- Hudson, G. E., et al.**
Some recent range extensions of the European starling in Nebraska (rev.), '38, 693.
- Hudson Bay.**
Sutton, G. M., '31, 335-364, '32, 498-499 (rev.).
- hudsoni** (*Phaeotriccus*), see *Phaeotriccus*.
- hudsonia** (*Pica*), see *Pica*.
- hudsonica** (*Pica*), see *P. hudsonia*.
- hudsonicus** (*Numenius*), see *Phaeopus*.
- (*Parus*), see *Penthestes*.
- (*Penthestes*), see *Penthestes*.
- (*Phaeopus*), see *Phaeopus*.
- hudsonius** (*Circus*), see *Circus*.
- Huey, Laurence Markham.**
The occurrence of *Myiarchus cinerascens inquietus* in Lower California, '31, 429-430.
On the marsh sparrows of southern and Lower California (rev.), '31, 460.
Icterus pustulatus, a new bird to the A. O. U. Check-List, '31, 606-607.
Notes on two birds from San Diego County, California, '31, 620-621.
Two noteworthy records for California, '32, 107.
February bird life of Punta Penasco, Sonora, Mexico, '35, 249-256.
Three noteworthy stragglers in northern Alaska, '38, 555-556.
A species new to the known avifauna of Lower California (rev.), '38, 693.
Frank Stephens, pioneer (rev.), '38, 693.
Birds of the Mount Trumbull region, Arizona, '39, 320-325.
- hueyi** (*Piranga*), see *Piranga*.
- hugonis** (*Abroscopus*), see *Abroscopus*.
- huhula** (*Ciccaba*), see *Ciccaba*.
- (*Strix*), see *Ciccaba*.
- humeralis** (*Agelaius*), see *Agelaius*.
- (*Lanius*), see *Lanius*.
- (*Myospiza*), see *Myospiza*.
- humilis** (*Streptopelia*), see *Streptopelia*.
- Hummer, Blue-breasted**, see *Sericotes holosericeus*.
- Crested, see *Orthorhynchus exilis*.
- Red-throated, see *Eulampis jugularis*.
- Hummingbird, Allen's**, see *Selasphorus alleni*.
- Anna's, see *Calypte anna*.
- Arizona Blue-throated, see *Lampornis bessophilus*.
- Azure-crowned, see *Amazilia ellioti*.

- Black-chinned, see *Archilochus alexandri*.
 Blue Sylph, see *Cyanolestes coelestis*.
 Blue-throated, see *Lampornis clemenciae*.
 Broad-billed, see *Cynanthus latirostris*.
 Broad-tailed, see *Selasphorus platycercus*.
 Buff-bellied, see *Amazilia chalconota*.
 Calliope, see *Stellula calliope*.
 Emerald, see *Riccordia riccordi*.
 Giant, see *Patagona gigas*.
 Helena's, see *Calypte helenae*.
 Heloise's, see *Atthis heloise*.
 Margaret's, see *Atthis margarethae*.
 Panama, see *Damophila panamensis*.
 Riccordia, see *Riccordia riccordi*.
 Rieffer's, see *Amazilia tzacatl*.
 Rivoli's, see *Eugenes fulgens*.
 Ruby-throated, see *Archilochus colubris*.
 Rufous, see *Selasphorus rufus*.
 Streamer-tailed, see *Aithya polytmus*.
 Texas Blue-throated, see *Lampornis clemenciae*.
 Violaceous, see *Saucerottia viola*.
 White-eared, see *Hylocharis leucotis*.
Humphreys, William Wirt.
 Vitality of plover embryo, '32, 466.
 Dickcissel in South Carolina, '35, 459.
Hungary.
 Dorning, H., '40, 588 (rev.).
 Greschik, E., '40, 432 (rev.).
 Homonnay, F. von, '40, 434 (rev.).
 Schenk, J., '38, 580 (rev.).
 Vászárhelyi, S., '40, 440 (rev.).
 Wurga, K., '40, 595 (rev.).
Hunt, Chreswell John, 1880-1933.
 Notes on the winter birds of central Arkansas, '31, 235-239.
 Obituary, '34, 70, 286-287.
Huntington, James Lincoln, and **Barbour**, T.
 The birds at Soledad, Cuba, after a hurricane, '36, 436-437.
Huntsman, Archibald Gowanlock.
 North American Atlantic salmon, comparative studies of the fluctuations in the stocks of fish in the seas of north and west Europe (rev.), '39, 102-103.
 Huppe, see *Fregilupus varius*.
Hurlburt, William Ellis.
 Blue and lesser snow geese near Vineland, Ontario, '36, 207-208.
Hurthouse, E. W.
 Some observations on the breeding habits of the little penguin (rev.), '40, 128.
Husain, M. Afzal, and **Hem Raj Bhalla**.
 Some birds of Lyallpur and their food (rev.), '38, 573-574.
Hutchens, Lynn, and **Bellrose**, F. C.
 see Bellrose and Hutchens.
hutchinsi (Branta), see Branta.
Hutt, Frederick Bruce.
 Birds observed from shipboard in crossing the north Atlantic, '32, 184-190.
Hutt, F. B., and **Ball**, Lelah.
 Number of feathers and body size in passerine birds, '38, 651-657.
huttoni (Vireo), see Vireo.
hybrida (Chlidonias), see Chlidonias.
Hybridism.
Agyrtrina franciae x *Saucerottia cyani-*
frons, '37, 405.
 Anatidae, '35, 348.
Ara ararauna x *A. macao*, '33, 253.
Bubo virginianus (races), '38, 698.
Canachites canadensis x *C. franklini*,
 '39, 460.
Canachites canadensis x *Lagopus*
lagopus, '32, 384.
Cathartes aura x *Coragyps atratus*,
 '37, 384, 574.
Chaulelasmus streperus x *Mareca*
penelope, '40, 591.
Chelidonaria urbica x *Hirundo rustica*,
 '31, 315.
Chen caerulescens x *C. hyperborea*,
 '31, 335, 358-361; '32, 135.
Chloris x *Cannabina*, '39, 359.
Chloris chloris x *Carpodacus mexicanus*, '38, 697.
Chloris chloris x *Serinus serinus*, '32,
 267.
Chrysouria oenone x *Thalurania nigro-*
grofasciata, '37, 405.
Ciconia ciconia x *C. nigra*, '38, 583.
Colaptes auratus x *C. cafer*, '33, 362;
 '36, 336; '37, 219.
Crossoptilon, '34, 425.
Dafila bahamensis x *D. spinicauda*,
 '39, 472.
Damophila x *Amazilia*, '32, 511.
Dendroica coronata x *D. auduboni*,
 '34, 243; '38, 304.
Dendroica striata x *D. castanea*, '34,
 243.
Empidonax difficilis x *E. flaviventris*,
 '34, 119.
Empidonax hammondi x *E. wrighti*,
 '40, 358-362.
Gallus x *Numida*, '38, 305.
Gallus x *Phasianus*, '40, 270.
Glaucionetta clangula americana x *Lo-*
phodytes cucullatus, '34, 545-546.
Icterus bullocki x *I. galbula*, '38, 1-6.
Junco (races), '40, 129.
Junco annectens, '31, 611; '32, 237.

- Junco caniceps* x *J. mearnsi*, '35, 468.
Junco c. dorsalis x *J. oreganus pinosus*, '38, 695.
Junco ridgwayi, '38, 170.
Lafresnayea lafresnayei x *Helianthea bonapartei*, '37, 405.
Larus argentatus x *L. fuscus*, '32, 267.
Livornese x *Orpington*, '39, 105.
Lophortyx californica x *Colinus*, '32, 388.
Myiarchus cinerascens x *M. inquietus*, '40, 361.
Nettion carolinense x *N. crecca*, '36, 321; '40, 578.
Nyroca ferina x *Metopiana peposaca*, '40, 591.
Paradisaeidae, '31, 307.
Parus caeruleus x *P. major*, '31, 642.
Passer domesticus x *P. hispaniolensis*, '34, 277.
Passer domesticus x *P. montanus*, '34, 277.
Passerina amoena x *P. cyanea*, '38, 5.
Phasianus x *Dendragapus*, '32, 507.
Polytelis swainsoni x *Aprosmictus erythropterus*, '40, 276.
Quiscalus aeneus x *Q. stonei*, '36, 413-415; '40, 227-233.
Quiscalus x *Tangavius* (?), '37, 162.
Ramphocelus (species), '32, 199-203.
Vermivora lawrencei, '33, 151; '34, 242, 526; '38, 542.
Vermivora leucobronchialis, '31, 434, 613; '32, 355; '33, 116, 151, 441; '34, 526; '35, 100, 320; '36, 450; '38, 540-542; '39, 340.
Vermivora pinus x *V. ruficapilla*, '40, 116.
Zonotrichia coronata x *Z. leucophrys*, '40, 274.
Hyde, Arthur Sidney.
 see Freiburger, W., 'Die Einrichtung des planmassigen Vogelschutzes' (rev.), '31, 151-152.
 The life history of Henslow's sparrow, *Passerherbulus henslowi* (Audubon) (rev.), '40, 120-121, 128.
 The ecology and economics of the birds along the northern boundary of New York State (rev.), '40, 589.
Hyde, Benjamin Talbot Babbitt, — 1933.
 Obituary, '35, 67.
Hydranassa ruficollis (*Louisiana Heron, *tricolor*), *Fla.* '31, 423^a, 595^a; '32, 236^a, '36, 100^a, 347, '37, 201; *Ga.* '37, 531^a; *La.* '33, 351^a; '34, 330, 399, '36, 439-440; *L. C.* '31, 77^a; *N. J.* '32, 458; *N. Y.* '34, 248; *N. C.* '37, 452; *Okla.* '35, 181; *Pa.* '33, 428^a; *S. C.* '31, 594^a, '33, 360^a, '35, 308^a, '37, 531^a, '40, 413; *Tex.* '38, 63-64.—*age.* '34, 330; *anat.* '33, 94; *egg.* '31, 594^a; *fd.* '36, 440; *hbt.* '36, 440; *misc.* '38, 31^b.
tricolor (*Tricolored Heron), *Br. Guiana*, '39, 470^a.
Hydrobates pelagicus (*Storm Petrel), *Canary Is.* '40, 124; *Scilly Is.* '38, 569^a.—*behav.* '38, 575^a; *dist.* '33, 201; *hbt.* '36, 321^a.
Hydrobatidae, *eye*, '38, 237; *misc.* '36, 236.
Hydrocorax basilanica, *P. I.* '35, 211.
Hydroprogne caspia (*Caspian Tern, *btschegrava*), *Afr.* '39, 106^a; *N. Z.* '34, 490.—*nomen.* '34, 541^b.
imperator (*Caspian Tern, American Caspian Tern, *Sterna*), *Ala.* '32, 106; *Ark.* '36, 324, '36, 350, '38, 285^a; *Colom.* '40, 569; *Conn.* '32, 85; *Engl.* '40, 569; *Fla.* '31, 248; *Great Lakes*, '32, 235^a; *Haiti*, '40, 567; *Ky.* '38, 678; *Man.* '36, 224; *Mich.* '32, 236, '39, 503^a, '40, 569; *N. J.* '32, 476^b, '36, 95; *N. Y.* '34, 398; *N. C.* '33, 231, '37, 456; *Ont.* '35, 196; *Pa.* '33, 230; *Que.* '40, 569; *Tex.* '38, 69; *Utah*, '36, 289^a, 292^a.—*band.* '40, 569; *destr.* '36, 292^a; *egg.* '40, 55^a; *hbt.* '32, 236^a; *incub.* '40, 50^a, 55^a, 58^a; *tax.* '34, 540; *misc.* '37, 206.
Hydropsalis canescens, *Braz.* '37, 562.
intercedens, *S. Am.* '38, 309.
pallidior, *S. Am.* '38, 309.
Hydrornis, *nomen.* '35, 125.
Hydrotherikornis oregonus, *Ore.*, *fos.* '32, 132.
Hyem, E. L.
 Notes on the birds of 'Mernot', Barrington, N. S. W. (rev.), '37, 563-564.
hyemalis (*Clangula*), see *Clangula*.
 — (*Harelda*), see *Clangula*.
 — (*Junco*), see *Junco*.
Hylacola pyrrhopygia (Heath Wren), *S. Australia*, '40, 131.—*misc.* '31, 314.
Hylota usambara, *Tanganyika*, '32, 511.
Hylocharis leucotis (*White-eared Hummingbird, *borealis*), *Ariz.* '39, 161; *Guat.* '35, 258; *Mex.* '39, 317^a, 442-446^b, '40, 236, 238.—*dist.* '39, 161, 444^a, *flight*, '39, 445^a; *fd.* '39, 161; *hbt.* '35, 258, '39, 444-446^a; *nest*, '39, 317^a, 442-444^b; *note*, '39, 446^a.
Hylocichla, *evol.* '36, 287.
aliciae (*Gray-cheeked Thrush, *bminima*, **Turdus*), *Alas.* '39, 106^a; *Ga.* '34, 241; *O.* '34, 241; *Pan.* '31, 121^a; *S. C.* '36, 313; *W. Va.* '34, 241, 525.—*nomen.* '39, 199^b; *song*, '33, 114; *wt.* '38, 443^b, 515; *wing area*, '38, 515; *misc.* '36, 59, 116^a, '37, 395^a.

auduboni (Audubon's Hermit Thrush), *Mex.* '37, 198, '40, 240.
dwighti, *Ida.* '34, 114.

faxonii (*Eastern Hermit Thrush, Hermit Thrush, ^bpallasi, ^cguttata), *Ark.* '31, 239^b; *Fla.* '35, 311, 462; *Germ.* '37, 553^a; *Md.* '38, 281; *Mass.* '32, 360^a; *Mich.* '34, 26, '38, 585^a; *N. F.* '36, 344; *N. Y.* '31, 277^a, '36, 284^a; *W. Va.* '34, 395, '35, 456, 483^a, '40, 577^a.—*avic.* '37, 558^a; *behav.* '39, 422^a; *blood*, '37, 516^a, 517; *feather count*, '36, 162^a, 163^a, 167^a; *fd.* '31, 277^a; *meas.* '36, 24–26; *nest*, '34, 26, '35, 456; *song*, '35, 40–52^a, 311, '36, 284^a, '38, 266^a, 618^a, 619^a, 687^a; *wt.* '38, 443^a, 515; *wing area*, '38, 512^a, 515; *misc.* '31, 543^a, '36, 22, 27, 356^a, '37, 233^a.

fuscescens (*Veery, Wilson's Thrush), *Ga.* '31, 616; *Me.* '38, 567^a; *Mich.* '39, 99^a; *N. Y.* '36, 284^a; *N. S.* '39, 338; *O.* '39, 339; *W. Va.* '35, 456.—*dist.* '39, 338–339; *meas.* '36, 25, '39, 339; *mig.* '38, 567^a; *nest*, '39, 247^a; *song*, '35, 40–52^a, '36, 284^a, '38, 266^a, 616–618^a; *wt.* '38, 515; *wing area*, '38, 515; *misc.* '33, 236^a, '36, 23, '37, 102, 217^a, '38, 538.

guttata (Alaska Hermit Thrush), *myol.* '38, 642.

minima (*Bicknell's Thrush, ^bbicknelli), *Ga.* '34, 241; *Mass.* '40, 266^a; *N. J.* '35, 191; *S. C.* '36, 313; *Va.* '37, 395.—*dist.* '39, 199^b; *meas.* '37, 395; *nomen.* '39, 199^b; *misc.* '36, 59^b, 63, 116^a.

mustelina (*Wood Thrush, ^bTurdus, ^cPhilomeloides), *N. H.* '32, 224, '38, 297^a; *N. Y.* '36, 284^a; *O.* '31, 370, '34, 386^a; *Pa.* '38, 680^a; *Que.* '39, 209^a, '40, 114; *Va.* '40, 574^a.—*cowbird host*, '34, 386^a; *feather count*, '36, 167^a; *nest*, '39, 247^a; *nomen.* '39, 105^b; *song*, '35, 40–52^a, '36, 284^a, '38, 266^a, 619^a, 687^a; *wt.* '31, 574, '38, 443; *misc.* '35, 463^a, '37, 300^a.

nanus (Dwarf Hermit Thrush), *misc.* '36, 22.

oromela (*Cascade Hermit Thrush), *O.* '36, 98.—*misc.* '36, 99^a.

polionota (Mono Hermit Thrush), *Nev.* '35, 468.

salicicola (*Willow Thrush, ^bfuliginosa), *Ala.* '33, 113; *Magdalen Is.* '37, 102; *Mich.* '39, 99^a, 338; *N. F.* '39, 338–339; *N. J.* '35, 191, '38, 537–538; *O.* '36, 98, '39, 339; *Okla.* '36, 432^a, 434; *Ont.* '39, 338–339.—*dist.* '39, 339; *meas.* '38, 538, '39, 339; *syn.* '39, 338^b; *misc.* '36, 23.

swainsoni (*Olive-backed Thrush,

^bustulata, ^calmae), *Colom.* '32, 133; *Germ.* '37, 553^a; *Ill.* '33, 372; *La.* '39, 92^a; *Me.* '37, 431^a; *Mex.* '40, 235; *Mont.* '38, 637^a; *N. Y.* '36, 284^a; *Ont.* '39, 18; *Pan.* '31, 121^a, '33, 305; *Tenn.* '39, 477^a; *W. Va.* '34, 395, '35, 456, 483^a, '39, 477^a, '40, 577^a.—*note*, '36, 284^a; *song*, '38, 266^a, 616^a, 618–619^a, 623^a; *tax.* '39, 477^a; *wt.* '38, 443^b; *misc.* '36, 116^a.

ustulata (Russet-backed Thrush), *Colom.* '32, 133; *N. Y.* '31, 435; *Va.* '31, 435, '33, 197.

hylodromus (Xiphorhynchus), see *Xiphorhynchus*.

Hylomanes chiapensis, *Mex.* '39, 100.

hylophila (Ciccaba), see *Strix*.

— (*Strix*), see *Strix*.

Hylophilus leucophrys, *misc.* '37, 233.

nelsoni, *Pan.* '33, 305.

pallascens, *Pan.* '33, 139.

saturatus (Eastern Ochre-fronted Wood-bird), *Trin.* '38, 44.—*cowbird host*, '38, 41–44.

viridiflavus, *Pan.* '33, 306, '35, 341.

Hylophylax inexpectata, *Peru.* '32, 254.

intermedia, *Ecuad.* '31, 149.

naevia, *tax.* '32, 254.

naevioides (^ccapnitis), *syn.* '31, 428^b; *tax.* '31, 428; *misc.* '34, 9.

obscurior, *Peru.* '31, 149.

peruviana, *Peru.* '32, 254.

subsimilis, *tax.* '31, 428.

yessupi, *Peru.* '31, 149.

Hymenolaimus malacorrhynchus (Blue Duck, Mountain Duck), *N. Z.* '38, 151, 272.—*behav.* '38, 272.

hynochracea (Cryptorornis), see *Cryptorornis*.

Hypacanthia spinoides (Himalayan Greenfinch), *mlt.* '40, 440.

hyperborea (Chen), see *Chen*.

— (*Emberiza*), see *Emberiza*.

— (*Passerella*), see *P. insularis*.

hyperboreus (Larus), see *Larus*.

hyperythrus (Pheugopedius), see *Pheugopedius*.

Hyphantornis, *Afr.* '37, 216.

Hypnelus stolicus, *Venez.* '39, 501.

Hypochera chalybeata, *hbt.* '38, 138.

hypochera (Vidua), see *Vidua*.

hypocherina (Vidua), see *Vidua*.

hypochroos (Leptotila), see *Leptotila*.

hypochrysea (Dendroica), see *Dendroica*.

hypochryseus (Piculus), see *Piculus*.

Hypocnemis saturatus, *Ecuad.* '31, 149.

hypoleuca (Gymnorhina), see *Gymnorhina*.

— (*Muscicapa*), see *Muscicapa*.

— (*Tringa*), see *Actitis hypoleucos*.

hypoleucos (*Actitis*), see *Actitis*.

Hypoleucus purpurascens, *nomen*. '37, 416.

hypoleucus (Elanus), see Elanus.

— (Synallaxis), see Synallaxis.

hypophaeus (Platypsaris), see Platypsaris.

Hypositta corallirostris, *Mad.* '36, 310.—*hbt.*, *tax.*, '36, 310.

Hyposittidae, *charac.* '36, 310.

hypopodius (Buteo), see Buteo.

Hypotaenidia norfolkensis, *Norfolk Is.* '31, 636.

pelewensis, *Palau I.*, '33, 380.

remigialis, *Celebes*, '36, 362.

saturata (^bRallus, ^climarius), *nomen*. '34, 541^{bc}.

hypoxantha (Neodrepanis), see Neodrepanis.

hypoxanthus (Poicephalus), see Poicephalus.

hypugaea (Speotyto), see Speotyto.

Hyrondelle, see Hirundo erythrogaster.

I

Ianthocincla chinganica, *Manchuria*, '35, 110.

ibericus (Coloeus), see Coloeus.

Ibidorhyncha struthersi (Ibis-bill), *Asia*, '35, 475, '37, 414.—*fd.* '37, 414.

Ibis, Bald, see Geronticus eremita.

Bald-headed, see Geronticus eremita.

Eastern Glossy, see Plegadis falcinellus.

Glossy, see Plegadis falcinellus.

Scarlet, see Guara rubra.

White, see Guara alba and Threskiornis melanocephala.

White-faced Glossy, see Plegadis guarauna.

Wood, see Mycteria americana.

ibis (Bubulcus), see Bubulcus.

Ibis-bill, see Ibidorhyncha struthersi.

Ibycter carunculatus, *Ecuad.* '34, 150.

Iceland.

Arnold, E. L., and Maclaren, P. I. R., '40, 587 (rev.).

Derscheid, J. M., '40, 126 (rev.).

Maclaren, P. I. R., '40, 435 (rev.).

Morrison, A. R. G., '38, 576-577 (rev.).

Sherlock, G. H., '40, 438 (rev.).

Timmermann, G., '39, 207 (rev.).

icelus (Bubo), see Bubo.

ichla (Thalasseus), see Thalasseus.

Ichthyornis, *misc.* '38, 140.

Icteria longicauda (^aLong-tailed Chat,

^bTanagra, ^cauricollis), *Neb.* '40, 594^a;

N. D. '31, 283.—*nomen*. '34, 549^{bc}, '36, 104^a, '39, 87^a.

tropicalis, *Mex.* '40, 132.

virens (^aYellow-breasted Chat, ^bviridis), *Ala.* '38, 283^a; *Conn. Val.* '32,

493; *D. C.* '38, 679^a; *Fla.* '36, 478^a; *Ill.* '38, 541; *Mass.* '31, 600^a; *Nebr.* '40, 594^a; *N. C.* '37, 459; *O.* '31, 376, 377^a, '34, 386^a, '37, 326; *Okla.* '38, 506^a; *Va.* '37, 462, '40, 574^a; *W. Va.* '34, 396^a.—*cowbird host*, '34, 386^a; *destr.* '38, 679^a; *feather count*, '36, 164^a, 168^a; *hbt.* '34, 195; *mig.* '40, 594^a; *nomen*. '37, 558^b; *pl.* '34, 196; *song*, '35, 40-52^a, '38, 267^a; *wt.* '37, 326; *misc.* '32, 239, '39, 358^a.

Icteridae, *eye*, '38, 240; *hbt.* '40, 177; *mig.* '40, 256; *myol.* '38, 642, 649; *paras.* '40, 517; *parasitism*, '40, 212; *sex ratio*, '40, 85-90; *song*, '38, 264; *misc.* '36, 168, '39, 109, 206.

icterina (Hippolais), see Hippolais.

icterocephalus (Agelaius), see Agelaius.

Icterus, *Antigua*, '34, 363.

auduboni (Audubon's Oriole), *Tex.* '33, 221.

bonana, *Martinique*, '38, 544.—*tax.* '38, 544.

bullocki (Bullock's Oriole), *La.* '40, 257; *Mex.* '40, 236, 242; *Okla.* '36, 434, '38, 1-6.—*hyb.* '38, 1-6; *pl.* '38, 1; *plm.* '38, 2-4.

cucullatus, *Tex.* '38, 157.

dominicensis, *Hispaniola*, '38, 544.—*tax.* '38, 544; *misc.* '39, 194.

galbula (^aBaltimore Oriole), *Atlantic*, '32, 83^a; *Fla.* '34, 400, '35, 198; *Ill.* '38, 1; *Kans.* '38, 1; *Mass.* '32, 233, '40, 131^a; *N. B.* '38, 1; *N. J.* '38, 1; *N. S.* '39, 109^a; *O.* '31, 372, '34, 386^a; *Okla.* '36, 434, '38, 1-6; *Ont.* '36, 88^a, '39, 14-15^a, 16; *Pa.* '38, 1; *Sask.* '38, 1; *S. C.* '34, 252, '36, 314.—*cowbird host*, '34, 386^a; *flight*, '33, 316^a; *mig.* '39, 15-17; *song*, '35, 40-52^a, '38, 267^a; *wt.* '38, 444; *misc.* '34, 201^a, '36, 73^a, '38, 586^a, '39, 247^a.

gularis (Lichtenstein's Oriole), *Guat.* '35, 258, '40, 311.—*hbt.* '35, 258; *syst.* '31, 305.

icterus (Troupial), *O.* '33, 224.

laudabilis, *St. Lucia*, '38, 544.—*tax.* '38, 544.

leucopteryx, *Jam.* '38, 544.—*tax.* '38, 544.

melanocephalus, *Mex.* '37, 198.

mesomelas, *Cent. Am.* '38, 544.—*tax.* '38, 544.

nelsoni (Arizona Hooded Oriole), *Calif.*, *Kans.*, '40, 420.—*band.*, *wt.*, '40, 420.

northropi, *Bah. I.* '38, 544.—*tax.* '38, 544.

oberi (Montserrat Oriole), *Montserrat*, '39, 194.—*nid.* '39, 194.

paraguayae, *Parag.* '37, 406.

- pushtulatus** (Scarlet-headed Oriole), *Calif.* '31, 606.—*hbt.* '31, 65.
- pyrrhopterus** (Chestnut-shouldered Oriole), *Bras.* '38, 45.—*cowbird host*, '38, 45.
- richardsoni**, *Mex.* '39, 206.
- scilateri**, *syst.* '31, 305.
- spurius** (*Orchard Oriole), *Ill.* '34, 100; *N. Y.* '31, 279*, 606*; *N. D.* '31, 283, '32, 105; *O.* '31, 372, '34, 386*, '36, 229; *Okla.* '38, 5; *Ont.* '39, 15*, 16; *Pan.* '31, 120*, '35, 327.—*cowbird host*, '34, 386*; *feather count*, '36, 168*; *mig.* '39, 15–17; *nest*, '32, 105; *wt.* '31, 574, '38, 515; *wing area*, '38, 515; *misc.* '32, 130*, '38, 544.
- tamaulipensis** (Alta Mira Oriole), *Tex.* '39, 87–88.
- trinitatis** (Trinidad Oriole), *Trin.* '38, 45.—*cowbird host*, '38, 41–45.
- Ictinia mississippiensis** (*Mississippi Kite), *Fla.* '35, 320; *Kans.* '35, 77; *Miss.* '38, 156–157*, '40, 132*; *Okla.* '36, 432; *S. C.* '34, 515, '37, 384.—*fd.* '38, 157*; *hbt.* '38, 157*; *voice*, '34, 515; *misc.* '39, 500*.
- plumbea**, *C. R.* '33, 298.
- ictinus** (Milvus), see *Milvus*.
- idahensis** (Phalacrocorax), see *Phalacrocorax*.
- Idaho.**
 Brodkorb, P., '35, 312, '38, 125.
 Hand, R. L., '35, 180–181, '37, 97–98.
 Hayward, C. L., '34, 39–41.
 Sugden, J. W., '38, 582 (rev.).
- idius** (Nannus), see *Nannus*.
- idoneus** (Xenicopsoides), see *Xenicopsoides*.
- Ieracidea berigora**, *anat.* '35, 330.
- igata** (Pseudogerygone), see *Pseudogerygone*.
- ignatus** (Auriparus), see *Auriparus*.
- ignicapillus** (Corthylio), see *Corthylio*.
- ignota** (Geothlypis), see *Geothlypis*.
- ignotus** (Seleucides), see *Seleucides*.
- Ijams**, Henry Pearle.
 Two interesting notes from east Tennessee, '31, 267–268.
- ijimae** (Riparia), see *Riparia*.
- iliaca** (Passerella), see *Passerella*.
- iliacus** (Arceuthornis), see *Arceuthornis*.
- (Telmatodytes), see *Telmatodytes*.
- (Telmatodytes), see *T. dissaeptus*.
- (Turdus), see *Arceuthornis*.
- Illadopsis poensis**, *Fernando Po*, '34, 423.
- pressa**, *Tanganyika*, '32, 128.
- puguensis**, *Dar-es-Salaam*, '40, 432.
- illinoensis** (Peucaea), see *Aimophila bachmani*.
- Illinois.**
 Baker, F. C., '37, 388.
- Bartel, K. E. E., and Pitelka, F. A., '39, 334–335.
- Baumgartner, F. M., '34, 537–538.
- Bellrose, F. C., '36, 348 (2), '38, 122, 277, '39, 73–74, 75–76.
- Bellrose, F. C., and Hutchens, L., '38, 274.
- Black, C. T., '34, 100, 101–102, '35, 74, 101, 464–465, '37, 385–388.
- Brodkorb, P., '34, 403, '37, 100.
- Brodkorb, P., and Stevenson, J., '34, 100–101.
- Coursen, C. B., '32, 461–462.
- Cruttenden, J. R., '40, 431 (rev.)
- Eifert, Virginia S., '39, 202 (rev.).
- Ford, E. R., '36, 210, 223.
- Ford, E. R., et al., '34, 545 (rev.).
- Franzen, A. J., '34, 402–403.
- Gregory, S. S., Jr., '39, 476.
- Gross, Margaret E., '40, 432 (rev.).
- Holland, H. M., '32, 351.
- Moyer, J. W., '31, 258.
- Musselman, T. E., '31, 119, '32, 78–79, '35, 302, 447, '36, 328–329, '37, 204, 393, '38, 125, 537, '40, 258.
- Odum, E. P., and Pitelka, F. A., '39, 451–455.
- Pike, E. R., '33, 431.
- Pitelka, F. A., '38, 518–519, 540–542, '39, 340, 340–341, 481, '40, 115–116.
- Sanborn, C. C., '32, 224.
- Sedgwick, J. H., '40, 593 (rev.).
- Sommer, J. B., '37, 50–54.
- Speirs, J. M., '40, 571.
- Starrett, W. C., '39, 360 (rev.).
- Stevenson, J., and Brodkorb, P., '33, 371–373.
- Suthard, J. G., '31, 593.
- Twomey, A. C., and Black, C. T., '36, 83.
- Wheeler, L., '37, 203.
- White, J. S., '35, 94.
- Illustrations**, see *Plates*.
- imitans** (Tangara), see *Tangara*.
- imitator** (Sericornis), see *Sericornis*.
- immaculatus** (Myrmelastes), see *Myrmelastes*.
- immanis** (Aphelocoma), see *Aphelocoma*.
- immanus** (Chondrohierax), see *Chondrohierax*.
- immemoratus** (Empidonax), see *Empidonax*.
- immer** (Gavia), see *Gavia*.
- immodulatus** (Empidonax), see *Empidonax*.
- immunda** (Rhytipterna), see *Rhytipterna*.
- immutabilis** (Prinia), see *Prinia*.
- Imparati**, Edoardo.
 Intorno alla cattura di una *Passerella*

- iliaca (Merr.) avvenuta in Genoa (rev.), '39, 496.
- Impennes**, '40, 586.
- impennis** (Pinguinus), see Plautus.
- (Plautus), see Plautus.
- imperator** (Hydroprogne), see Hydroprogne.
- (Sterna), see Hydroprogne.
- imperialis** (Amazona), see Amazona.
- (Campephilus), see Campephilus.
- (Hierophasis), see Hierophasis.
- (Victoriornis), see Victoriornis.
- impiger** (Penthestes), see Penthestes.
- impudens** (Heleodytes), see Heleodytes.
- inca** (Claravis), see Claravis.
- (Leptopogon), see Leptopogon.
- (Scardafella), see Scardafella.
- Incana incana** (Cisticola), *tax.* '31, 292, 292b.
- incana** (Cisticola), see Incana.
- (Incana), see Incana.
- incanus** (Heteroscelus), see Heteroscelus.
- inceptor** (Puffinus), see Puffinus.
- incerta** (Leucosticte), see Leucosticte.
- incognita** (Jynx), see Jynx.
- incomparabilis** (Plautulus), see Aethia cristatella.
- Incubation Period.**
- Crook, C., '35, 78.
- Gordon, S., '38, 692 (rev.).
- Kendeigh, S. C., '40, 499–513.
- Moreau, R. E., and Moreau, Winifred M., '40, 313–325.
- Mousley, H., '38, 152 (rev.).
- Nice, Margaret M., '38, 153 (rev.).
- Sugden, J. W., '32, 81.
- Ticehurst, N. F., '39, 108 (rev.).
- Wood, H. B., '37, 535–536.
- Worth, C. B., '40, 44–60.
- inda** (Chloroceryle), see Chloroceryle.
- India.**
- Ali, S., '36, 357 (rev.), '39, 352 (rev.).
- Ali, S., and Humayun, A., '37, 420 (rev.), '38, 298 (rev.), '39, 352 (rev.).
- Ali, S., and Whistler, H., '38, 298 (rev.).
- Baker, E. C. S., '31, 144–145 (rev.), '33, 241 (rev.), 456 (rev.), '34, 410 (rev.), '35, 474–475 (rev.).
- Barnes, Alice M., '39, 352 (rev.).
- Betts, F. N., '39, 353 (rev.).
- Eates, K. R., '37, 561 (rev.), '38, 301 (rev.).
- Hewetson, C. E., '40, 433 (rev.).
- Humayun, A., '40, 429 (rev.).
- Lowther, E. H. N., '37, 415 (rev.), '38, 304 (rev.), '39, 357 (rev.).
- Meinertzhagen, R., '38, 305 (rev.).
- Parsons, R. E., '40, 436 (rev.).
- Primrose, J. B., '39, 358 (rev.).
- Stresemann, E., '40, 276 (rev.).

- Ticehurst, C. B., '39, 207 (rev.), 500 (rev.), '40, 439 (rev.).
- Whistler, H., '35, 209 (rev.), '40, 595 (rev.).
- Whistler, H., and Kinnear, N. B., '37, 570 (rev.).
- Indiana.**
- Baumgartner, F. M., '34, 537–538.
- Butler, A. W., '35, 303–304, '36, 77, '37, 390.
- Cline, G., '40, 125 (rev.).
- Cox, Alta R., '37, 100–101.
- Eifrig, C. W. G., '38, 278.
- Esten, S. R., '31, 572–574, '33, 356–357.
- Fleetwood, R. J., '33, 225–226, '34, 388.
- Ford, E. R., et al., '34, 545 (rev.).
- Monroe, B. L., '40, 129 (rev.).
- Perkins, S. E., 3rd., '33, 436, '35, 74–75, 463–464.
- Pitelka, F. A., '38, 280–281.
- Price, H. F., '40, 130 (rev.).
- Stevenson, J., and Brodtkorb, P., '33, 371–373.
- Test, L. A., and Test, F. H., '33, 370–371.
- Indiana Audubon Society.**
- Year Book (rev.), '31, 628, '32, 505, '33, 458, '34, 547, '35, 477.
- indica** (Coracias), see Coracias.
- Indicator indicator** (*Common Honeyguide), Congo, '40, 260*.
- minor**, syn. '38, 692.
- teitensis**, syn. '38, 692.
- variegatus**, type loc. '38, 692.
- indicator** (Indicator), see Indicator.
- indicus** (Butastur), see Butastur.
- (Colius), see Colius.
- indigotica** (Cyanocompsa), see Cyanocompsa.
- Indo-China.**
- Bangs, O., and Van Tyne, J., '31, 629 (rev.).
- Deignan, H. G., '39, 494 (rev.).
- Delacour, J., and Greenway, J. C., '39, 494 (rev.), '40, 428–429 (rev.).
- Delacour, J., and Jabouille, P., '31, 629 (rev.).
- indochinae** (Batrachostomus), see Batrachostomus.
- indochinensis** (Tchitrea), see Tchitrea.
- indranee** (Strix), see Strix.
- ineptus** (Raphus), see Raphus.
- inexpectata** (Hylophylax), see Hylophylax.
- (Muscicapa), see Muscicapa.
- inexpectatus** (Empidonax), see Empidonax.
- (Ramphocelus), see Ramphocelus.
- infuscatus** (Cyphorhinus), see Leucolepis.
- (Leucolepis), see Leucolepis.
- Ingersoll**, Seymour Race.

- [Receives testimonial from Biological Survey], '31, 333.
- Ingraham**, Sydney Eleanor (Mrs. Olin Ingraham).
- Instinctive music, '38, 614-628.
- Ingram**, Geoffrey Cheselden Spencer.
- The movements of the dipper under water (rev.), '39, 103.
- Injury Feigning by Birds.**
- Addy, E., '40, 423.
- Allen, F. H., '36, 125-127.
- Chisholm, A. H., '36, 251-253.
- Cottam, C., '36, 481.
- Cruickshank, A. D., '36, 480.
- Eates, K. R., '38, 301 (rev.).
- Fox, A. C., '36, 367.
- Friedmann, H., '35, 107 (rev.).
- Grimes, S. A., '36, 478-480.
- Jourdain, F. C. R., '36, 474-475 (rev.), '38, 150 (rev.).
- Laskey, Amelia R., '36, 482.
- May, F. H., '36, 366-367.
- Mendall, H. L., '37, 431.
- Mousley, H., '37, 445-450, '39, 129-133.
- Nice, Margaret M., '32, 92.
- Pearse, T., '36, 253.
- Pettingill, O. S., Jr., '37, 237, 243.
- Pickwell, G., and Smith, Emily, '39, 107 (rev.).
- Potter, L. B., '36, 367.
- Roads, Myra K., '36, 482.
- Rutter, R. J., '36, 481.
- Saunders, A. A., '37, 202.
- Spingarn, E. D. W., '34, 27, 34.
- Stone, W., '36, 482.
- Stülcken, K., and Brüll, H., '38, 582 (rev.).
- Swarth, H. S., '35, 352-354.
- Taverner, P. A., '36, 366.
- Walkinshaw, L. H., '37, 464.
- Wilcox, LeR., et al., '39, 501 (rev.).
- Inland Bird Banding Association.**
- [Tenth annual meeting], '32, 278.
- innominata (Collocalia), see Collocalia.
- inornata (Columba), see Columba.
- (Newtonia), see Newtonia.
- (Uria), see Uria.
- inornatus (Acomus), see Acomus.
- (Baeolophus), see Baeolophus.
- (Catoptrophorus), see Catoptrophorus.
- inquietus (Myiarchus), see Myiarchus.
- insignis (Aesalon), see A. alaudarius.
- (Lepidocolaptes), see Lepidocolaptes.
- (Phaethornis), see Phaethornis.
- insolitus (Xiphorhynchus), see Xiphorhynchus.
- insperata (Geothlypis), see Geothlypis.
- insulae (Plectrophenax), see Plectrophenax.
- insulanus (Centurus), see Centurus.
- (Vireo), see Vireo.
- insularis (Aphelocoma), see Aphelocoma.
- (Chionophilos), see Otocoris.
- (Otocoris), see Otocoris.
- (Passerella), see Passerella.
- (Psittacula), see Forpus cyanopygius.
- (Sitta), see Sitta.
- (Tyto), see Tyto.
- (Vireo), see Vireo.
- insularum (Myiarchus), see Myiarchus.
- (Toxostoma), see Toxostoma.
- insulicola (Buteo), see Buteo.
- (Empidonax), see E. difficilis.
- insulsus (Graydidasculus), see Graydidasculus.
- (Rallus), see Rallus.
- intensa (Aethocorys), see Aethocorys.
- intensus (Pheugopedius), see Pheugopedius.
- intercedens (Hydropsalis), see Hydropsalis.
- (Nyctidromus), see Nyctidromus.
- (Rynchops), see Rynchops.
- interior (Branta), see Branta.
- (Pheugopedius), see Pheugopedius.
- interjecta (Psophia), see Psophia.
- interjectiva (Apalis), see Apalis.
- intermedia (Formicivora), see Formicivora.
- (Hylophylax), see Hylophylax.
- (Leucosticte), see Leucosticte.
- (Meleagris), see Meleagris.
- (Pitta), see P. petersi.
- (Rhytipterna), see Rhytipterna.
- intermedius (Chrysococcyx), see Chrysococcyx.
- (Haliastur), see Haliastur.
- (Ramphastos), see Ramphastos.
- (Saltator), see Saltator.
- International Committee for Bird Preservation.**
- 1938 meeting at Rouen, France, '38, 160.
- International Ornithological Congress.**
- Eighth congress at Oxford, England, '33, 467, '34, 290, 568, '40, 121-122.
- Ninth congress at Rouen, France, '37, 115, '38, 160, '39, 113-114.
- Tenth congress at Philadelphia, Pa., '39, 113.
- interpositus (Leucolepis), see Leucolepis.
- interpres (Arenaria), see Arenaria.
- interstes (Micrastur), see Micrastur.
- invictus (Lanius), see Lanius.
- involucratus (Tangavius), see Tangavius.
- iolata (Colibri), see Colibri.
- Iole**, '37, 420.

- gularis** (Philippine Bulbul), *P. I.* '38, 216.—*nid.* '38, 216–217.
- Ionornis**, *tax.* '34, 540.
- martinica** (*Purple Gallinule, ^bPorphyryla), *Conn.* '33, 99, '35, 80; *Fla.* '31, 249; *Ga.* '40, 589; *Hond.* '36, 188^b; *Ill.* '38, 274; *Kans.* '33, 450; *La.* '36, 327–328; *Md.* '39, 475; *N. J.* '32, 348, '34, 518; *N. Y.* '34, 518; *N. S.* '38, 549; *Pa.* '32, 348, '34, 519; *P. R.* '38, 54; *Tex.* '38, 65; *Venez.* '35, 329; *Va.* '40, 566.—*colors.* '36, 188^b; *egg.* '40, 56^a; *fd.* '36, 188^b, 327–328, '37, 288–289; *hbt.* '36, 327–328; *incub.* '40, 56^a, 58^a; *misc.* '37, 148^b.
- Iowa.**
- Allert, O. P., '40, 124 (rev.).
- Baker, M. F., and Hendrickson, G. O., '39, 200 (rev.).
- Baumgartner, F. M., '34, 537–538.
- Bennett, L. J., '37, 534, '38, 565 (rev.).
- Bennett, L. J., and Hendrickson, G. O., '39, 32–37, 353.
- Bennett, L. J., and La Mar, Kate E., '38, 298 (rev.).
- Breckenridge, W. J., and Errington, P. L., '38, 669.
- Crabb, W. D., '39, 101 (rev.).
- DuMont, P. A., '33, 102–103, '34, 113 (rev.), 509–510, 525–526, '35, 83–85.
- Errington, P. L., '36, 326, 334–335, '37, 533–534.
- Errington, P. L., and McDonald, M., '38, 301 (rev.).
- Green, W. E., and Hendrickson, G. O., '38, 692 (rev.).
- Heuser, E. P., '40, 433 (rev.).
- La Force, Edith F., '40, 128 (rev.).
- Palas, A. J., '39, 107 (rev.).
- Pierce, F. J., '34, 253–254.
- Poldeboer, E., '39, 498 (rev.), '40, 130 (rev.).
- Roberts, Mary E., '40, 593 (rev.).
- Scott, T. G., '38, 275–276, '39, 359 (rev.).
- Sherman, Althea R., '31, 272–273, '32, 358.
- Stiles, B. F., '39, 499 (rev.), '40, 439 (rev.), 593 (rev.).
- Thornburg, Mrs. R. J., '40, 594 (rev.).
- Travis, B. V., '40, 276 (rev.).
- Wallace, R. B., '40, 595 (rev.).
- Williams, J. R., '35, 89.
- Youngworth, W., '32, 494, '33, 124, '40, 441 (rev.).
- Iredale**, Tom.
- J. R. & G. Forster, naturalists (rev.), '38, 574.
- William Anderson—ornithologist (rev.), '39, 103.
- The eclipse plumage of the elfin wren (Ryania melanocephala) (rev.), '40, 128.
- iredalei** (Stictapteryx), see Stictapteryx.
- Irediparra gallinacea** (Lotus-bird), *tax.* '32, 138.
- novae-hollandiae** (*Jacana, Lotus-bird), *Australia.* '40, 589^a.
- Ireland.**
- Fisher, J., '39, 355 (rev.).
- Marchant, S., '39, 357 (rev.).
- Ruttledge, R. F., '39, 107 (rev.).
- Irena**, '37, 420.
- Irenella**, '37, 420.
- Iridophanes**, *tax.* '37, 212.
- Iridoprocne bicolor** (*Tree Swallow), *Conn.* '35, 189; *Fla.* '40, 404, 405; *Great Lakes.* '32, 235^a; *Ia.* '32, 494; *Md.* '36, 96; *Mass.* '33, 109^a, '34, 391; *Mex.* '35, 254; *Minn.* '38, 669; *Mont.* '34, 86–87, '35, 188–189; *N. F.* '36, 343; *N. H.* '34, 380–381, '36, 94; *N. J.* '36, 394^a; *N. Y.* '31, 279^a; *N. C.* '35, 319, '37, 456; *O.* '31, 369; *Ont.* '33, 126, '39, 16, '40, 403^a; *Que.* '31, 245^a.—*destr.* '40, 404, 405; *flight.* '33, 236^a, 452^a; *fd.* '35, 188; *hbt.* '33, 109^a; *mig.* '35, 189, '39, 16; *nest.* '36, 96; *song.* '34, 86–87, 380–381, '36, 94; *wt.* '38, 514; *wing area.* '38, 514; *misc.* '39, 196^a, 494^a.
- irupero** (Taenioptera), see Taenioptera.
- isabella** (Stilta), see Stilta.
- isabellina** (Pyrgilauda), see Pyrgilauda.
- isarensis** (Anas), see Anas.
- isaurae** (Chalybura), see Chalybura.
- islandica** (Clangula), see Clangulionetta.
- (Clangulionetta), see Clangulionetta.
- (Limosa), see Limosa.
- (Somateria), see Somateria.
- islandicus** (Cygnus), see Cygnus.
- islandus** (Falco), see Falco.
- Isle of Pines.**
- Bond, J., '34, 523.
- isola** (Rhinomyias), see Rhinomyias.
- ispida** (Alcedo), see Alcedo.
- Ispidina leucogaster**, *tax.* '34, 426.
- isthmica** (Chloroceryle), see Chloroceryle.
- isthmicus** (Ramphocelus), see Ramphocelus.
- (Saltator), see Saltator.
- italiae** (Passer), see Passer.
- Italy.**
- De Beaux, O., '39, 354 (rev.).
- Festa, E., '39, 355 (rev.).
- Imparati, E., '39, 496 (rev.).
- Moltoni, E., '40, 274 (rev.).
- Scotti, P., '39, 359 (rev.).
- Warnke, G., '39, 500 (rev.).
- Zangheri, P., '39, 110 (rev.).
- Ithaginis annae**, *China*, '38, 568.

- beicki**, *China*, '38, 568.
tibetanus (*Tibetan Blood Pheasant), *Tibet*, '37, 415^a.
Ivanov, Alexander Ivanovich.
 The Siberian field larks (rev.), '31, 298.
Ixobrychus, *Argent.* '37, 231.
 astrologus (Little Yellow Bittern),
 P. I. '38, 200.—*hbt.*, *nid.*, '38, 200.
 cinnamomeus (Cinnamon Bittern),
 P. I. '38, 200.—*hbt.*, *nid.*, '38, 200.
 erythromelas, *Bras.* '33, 323.
 exilis (*Least Bittern), *Hond.* '36,
 186, 187; *Ia.* '39, 36; *Kans.* '32, 81;
 Mass. '32, 458^a; *Mich.* '36, 74; *N. Y.*
 '35, 197; '39, 470^a; *N. S.* '38, 549; *O.*
 '31, 367; '36, 228; *Pa.* '31, 113^a; *Tex.*
 '38, 64; *W. Va.* '33, 94^a; '36, 97.—*colors*,
 '36, 187; *egg*, '40, 57^a; *fd.* '36, 187;
 hbt. '36, 74; *incub.* '40, 57^a, 58^a; *wt.* '38,
 442; *misc.* '36, 58^a, 59^a, 63, 356^a, '38,
 200^a.
 hesperis (Western Least Bittern),
 Pan., *Peru*, '36, 323.
 minutus, *misc.* '36, 122.
 neoxenus (*Cory's Least Bittern),
 Fla. '31, 247^a; *Mich.* '37, 201; *Tex.*
 '36, 59^a.—*misc.* '36, 64^a.
 pullus, *Mex.* '31, 307.
Ixocincla, *tax.* '37, 215.
Ixoreus, '33, 86.
 naevius subsp. (*Varied Thrush,
 ^b*varius*), *N. J.* '37, 395^{ab}; *N. Y.* '37,
 394–395^{ab}.
Ixos canescens, *Siam*, '34, 115.
 ventralis, *Burma*, '40, 439.
- J**
- Jabiru mycteria** (Jabiru), *Fla.* '36, 386
 (fos.); *Guat.* '33, 429.
 Jabiru, see *Jabiru mycteria*.
Jabouille, Pierre, and **Delacour**, J. T.
 see *Delacour* and *Jabouille*.
Jacamerops penardi, *nomen.* '37, 232.
Jacana dorsalis, *descr.* '40, 587.
 lowi, *Mex.* '39, 208.
 spinosa, *Hond.* '36, 189.—*colors*,
 '36, 189.
 Jacana, see *Irediparra novaehollandiae*.
Jacaniidae, *tax.* '31, 635.
 Jackdaw, see *Coloeus monedula* and *C.*
spermologus.
 Black, see *Coloeus neglectus*.
 Chinese, see *Coloeus neglectus*.
 Common, see *Coloeus monedula*.
 Pied, see *Coloeus dauuricus*.
Jackson, Cicero Floyd.
Sporophila lineola taken in New Hamp-
 shire, '36, 221.
Jackson, C. F., and **Allan**, P. F.
 Experiment in the recolonization of the

- common tern (*Sterna hirundo*), '31,
 17–21.
 Additional notes on the breeding in
 Maine of the great black-backed
 gull (*Larus marinus*), '32, 349–350.
Jackson, Sir Frederick John, and **Sclater**,
 W. L.
 The birds of Kenya Colony and the
 Uganda Protectorate (rev.), '38,
 681–682.
jacksoni (*Barbatula*), see *Barbatula*.
 — (*Viridibucco*), see *Viridibucco*.
Jacobi, R., et al.
 Beiträge zum Zug des Wiedehopfes,
 Upupa epops (rev.), '37, 413.
 Jacobin, see *Florisuga mellivora*.
Jacobs, Joseph Warren.
 Most southern Pennsylvania breeding
 record of the bobolink, '33, 119.
 Mockingbird in summer and winter in
 southwestern Pennsylvania, '34, 382.
 Red type of crow eggs, '35, 189–190.
 Some observations on the eastern gold-
 finch (*Spinus tristis tristis*), '36, 222.
 The eastern cowbird vs. the Kentucky
 warbler, '38, 260–262.
 On the reasoning instinct of the tufted
 titmouse (*Baeolophus bicolor*) (rev.),
 '38, 574.
jacobsi (*Gecin*), see *Picus setschuanus*.
 — (*Picus*), see *P. setschuanus*.
jacobsoni (*Eurostopodus*), see *Eurostopo-*
odus.
 — (*Lyncornis*), see *Eurostopodus*.
jacoti (*Pinicola*), see *Pinicola*.
jacquacu (*Penelope*), see *Penelope*.
Jaeger, Arctic, see *Stercorarius parasiti-*
cus.
 Long-tailed, see *Stercorarius longicau-*
du.
 Parasitic, see *Stercorarius parasiticus*.
 Pomarine, see *Stercorarius pomarinus*.
jagori (*Munia*), see *Munia*.
Jamaica.
 Bartlett, Aileen E., '39, 200 (rev.).
 Hamer, W. H., '38, 572–573 (rev.).
jamaicensis (*Buteo*), see *Buteo*.
 — (*Buteo*), see *B. borealis*.
 — (*Circus*), see *C. stoddardi*.
 — (*Erismatura*), see *Erismatura*.
 — (*Erismatura*), see *E. rubida*.
 — (*Oxyura*), see *Erismatura*.
James, Norman, 1868–1939.
 Obituary, '40, 148.
jamesi (*Pedioecetes*), see *Pedioecetes*.
jamesoni (*Capella*), see *Chubb*.
 — (*Chubb*), see *Chubb*.
Janiec, Joseph.
 Whistling swan (*Cygnus columbianus*)
 in eastern New York, '36, 75.

- Nelson's sparrow in eastern New York, '38, 546-547.
 janowski (Emberiza), see Emberiza.
- Japan.**
 Hachisuka, Marquess, et al., '33, 136-137 (rev.).
 Kuroda, N., '33, 136-137 (rev.).
 Taka-Tsukasa, Prince, '33, 244 (rev.), 455 (rev.), '34, 410 (rev.), '35, 212 (rev.), '36, 356 (rev.), '39, 347 (rev.).
 Uchida, S., '31, 625-627 (rev.).
 Udagawa, I., '38, 698 (rev.).
 Yamashina, Marquess, '39, 501 (rev.).
- Japan, Ornithological Society of.**
 [Twentieth year], '33, 136.
 japonicus (Otus), see Otus.
 jaraguana (Synallaxis), see Synallaxis.
 jardinii (Dryobates), see Dryobates.
 — (Glaucidium), see Glaucidium.
- Jarkoff, J. V., and Teploff, V. P.**
 Materials on the food of the birds of prey (rev.), '34, 416-417.
- Java.**
 Bartels, M., Jr., '39, 99 (rev.), 492 (rev.).
 Hoogerwerf, A., '37, 413 (rev.).
 Hoogerwerf, A., and Siccama, G. F. H. W., '38, 303 (rev.), 573 (rev.).
 Kooiman, J. G., '38, 303 (rev.).
 Kuroda, N., '34, 108 (rev.).
- javanensis (Centropus), see Centropus.
 javanicus (Butorides), see Butorides.
 — (Centropus), see C. javanensis.
 javensis (Batrachostomus), see Batrachostomus.
- Jay, Black-headed, see Cyanocitta annectens.**
 Blue, see Cyanocitta cristata.
 Blue-crested, see Cyanocitta coronata.
 Brown, see Psilorhinus mexicanus.
 California, see Aphelocoma californica.
 Canada, see Perisoreus canadensis.
 Central American Brown, see Psilorhinus cyanogenys.
 Common, see Garrulus glandarius.
 Couch's, see Aphelocoma couchi.
 Florida, see Aphelocoma coerulescens.
 Florida Blue, see Cyanocitta florincola.
 Gray, see Perisoreus griseus.
 Green, see Xanthoura glaucescens.
 Labrador, see Perisoreus nigricapillus.
 Long-crested, see Cyanocitta diademata.
 Long-tailed, see Aphelocoma immanis.
 Newfoundland, see Perisoreus sanfordi.
 Nicasio, see Aphelocoma ocleptica.
 Northern Blue, see Cyanocitta cristata.
 Oregon, see Perisoreus obscurus.
 Pifon, see Cyanoccephalus cyanocephalus.

- Santa Cruz, see Aphelocoma insularis.
 Sieber's, see Aphelocoma sieberi.
 Steller's, see Cyanocitta stelleri.
 Tufted, see Cyanocorax dickeyi.
 Woodhouse's, see Aphelocoma woodhousei.
- jefferyi (Pithecopaga), see Pithecopaga.
 jeholica (Cyanopica), see Cyanopica.
- Jenkins, Lloyd Smith.**
 Late nesting of the indigo bunting (Passerina cyanea), '35, 194.
- Jenks, Charles William, 1848-1929.**
 Obituary, '32, 70, 147.
- Jenks, Randolph.**
 A new subspecies of pine grosbeak from Arizona with critical notes on other races (rev.), '38, 574.
 jepsoni (Geranoides), see Geranoides.
 jerdoni (Charadrius), see Charadrius.
 — (Chloropsis), see Chloropsis.
 jessoensis (Picus), see Picus.
- Jewett, Stanley Gordon.**
 Hart Mountain Antelope Refuge. A national wildlife refuge in Oregon (rev.), '40, 272.
- Jewett, S. G., and Gabrielson, I. N.**
 The New Zealand shearwater, Thyelodroma bulleri (Salvin), off the Columbia River, Oregon, '33, 91.
 Birds of Oregon (rev.), '40, 580-581.
- Job, Herbert Keightley, 1864-1933.**
 Obituary, '34, 69, 130-131.
- Johnson, Archibald.**
 Notes from Stutsman County, North Dakota, '31, 283-284.
 A possible case of red-wing polygamy, '32, 93.
 Some nesting records from Stutsman County, North Dakota, '32, 105.
 Notes from Stutsman County, North Dakota, '34, 102-103.
 The sparrow hawk a pet among the Paiutes, '36, 210.
 Nest building behavior in the loggerhead shrike group (rev.), '39, 356.
- Johnson, Charles Eugene, 1880-1936.**
 An influx of Leach's petrels, '34, 74-75.
 The chronicle of a flicker's courtship, '34, 477-481.
 Obituary, '37, 125.
- Johnson, Robert Anthony.**
 An albino puffin, '32, 219.
 Additional dovekie weights, '35, 309.
 Notes on breeding success of starlings, '35, 312.
 Tapeworm in young red-breasted merganser, '37, 383.
 Status of the "white-eyed" murre, '38, 56-61.
 The food of the snowy owl (Nyctea

- nyctea) during a migration to the Gulf of St. Lawrence (rev.), '38, 303.
- Development of remiges in the Atlantic murre, '38, 529-530.
- Remiges of the Atlantic murre, a correction, '39, 81.
- Predation of gulls in murre colonies (rev.), '39, 356.
- Present range, migration and abundance of the Atlantic murre in North America (rev.), '40, 434.
- Johnson, Walter Adams**, 1878-1935. Obituary, '35, 491.
- Johnston, Israel Haylock**. Crooked-bill, the life of a quail (rev.), '38, 137-138.
- Jones, Frank Morton**. Insect coloration and the relative acceptability of insects to birds (rev.), '33, 377.
- Jones, Fred Minson**. Long-eared owl (*Asio wilsonianus*) nesting near Bristol, Va., '33, 105. Olive-sided flycatcher in Virginia, '36, 448. Lincoln's sparrow in Wise Co., Va., '36, 454. Weather prophets and woodpeckers (rev.), '38, 574.
- Jones, Gordon Willis**. Partial albinism in *Cathartes aura septentrionalis*, '33, 431. An apparently unnoticed trait of whip-poor-will, '33, 436-437. A note on the turkey vulture, '35, 444-445. A detail in the ecology of the mourning dove, '40, 113.
- Jones, John Courts**. Black vultures in southern Florida, '40, 246-247. Key West vireo at Miami, Florida, '40, 255. Alabama towhee in northeastern Florida, '40, 257-258. An unusual roadside casualty in southern Maryland, '40, 412-413.
- Jones, Lombard Carter**. Snowy egret in Massachusetts, '36, 438-439.
- Jones, Solomon Paul**. Holboell's grebe and American brant in Wisconsin, '38, 666.
- Jordan, David Starr**, 1851-1931. Obituary, '32, 70.
- josephae* (Vireo), see Vireo.
- Jourdain, Francis Charles Robert**, 1865-1940. The truth about the kite (rev.), '32, 381. On the Palaearctic element in the A. O. U. 'Check-List' (4th edit.), '33, 201-204. The disposal of shells after hatching, '36, 101. The birds of southern Spain (rev.), '37, 109, 413. The forms of the brent goose, *Branta bernicla* L. (rev.), '37, 109. [On a nest and eggs of *Prunella modularis* from Algeria] (rev.), '37, 413. The so-called "injury-feigning" in birds (rev.), '36, 474-475, '38, 150. 'White-eyed' murrelets in the British Isles, '38, 530-531. [The European white stork] (rev.), '38, 574. Erythristic eggs of the rook, *Corvus frugilegus* (L.) (rev.), '38, 574. Messrs. C. G. & E. G. Bird's East Greenland collection (rev.), '38, 574. Share of sexes in incubation of the dipper (rev.), '38, 693. On the occurrence of *Larus marinus* in Spitzbergen (rev.), '39, 103. The griffon vulture in south Spain (rev.), '39, 496. Obituary (rev.), '40, 440, 445.
- Jourdain, F. C. R.**, and **Kleinschmidt, O.** see Kleinschmidt and Jourdain.
- Jourdain, F. C. R.**, **Wetherby, H. F.**, **Ticehurst, N. F.**, and **Tucker, B. W.** see Wetherby, Jourdain, Ticehurst and Tucker.
- jourdaini* (*Phalaropus*), see *P. fulicarius*.
- Joy, Norman Humbert**. How to know the birds (rev.), '36, 354.
- juana* (*Pterodroma*), see *Pterodroma*.
- juancitonis* (*Catharus*), see *Catharus*.
- jubatus* (*Rhynchoceros*), see *Rhynchoceros*.
- Jubula lettii** (*Bubo*, *Otus*), *Afr.* '38, 184.—*car.* '38, 186; *tax.* '38, 184^b.
- jucundus* (*Ploceus*), see *Ploceus*.
- juddi* (*Melospiza*), see *Melospiza*.
- Judio*, see *Crotophaga ani*.
- jugularis* (*Brotogeris*), see *Brotogeris*.
- (*Cyrstotomus*), see *Cyrstotomus*.
- (*Eulampis*), see *Eulampis*.
- jugurtha* (*Falco*), see *Falco*.
- Juhn, Mary**, and **Lillie, F. R.** see Lillie and Juhn.
- Jump, Alice Oldfield** (Mrs. Edwin Robert Jump), —1931. Obituary, '32, 70.
- juncicola* (*Ammospiza*), see *Ammospiza*.
- juncidis* (*Cisticola*), see *Cisticola*.
- Junco**, *hyb.* '40, 129; *tax.* '40, 121. *alkei* ('White-winged Junco'), *dist.* '36, 286; *misc.* '36, 285, 372. *annectens*, *Nev.* '35, 468; *Utah*, '31, 611, '32, 237.—*hyb.* '35, 468.

- caniceps** (*Gray-headed Junco), *Colo.* '38, 572^a.
- carolinensis** (Carolina Junco), *Ga.* '31, 616; *N. C.* '32, 104, '33, 122, '34, 531; *S. C.* '36, 315; *Va.* '32, 359, '34, 87; *W. Va.* '34, 395.—*dist.* '32, 359; *mig.* '32, 104; *nest.* '33, 122, '34, 531.
- connectens**, *O.* '36, 92.
- dorsalis** (*Red-backed Junco), *hbt.* '36, 360^a; *hyb.* '38, 695.
- hyemalis** (*Slate-colored Junco, Junco), *Ala.* '33, 370; *Alas.* '39, 106^a; *Ark.* '31, 238, '39, 98^a; *Atlantic.* '31, 134, '32, 99^a, 190^a; *G. Br.* '38, 560^a; *Ill.* '39, 98^a; *Labr.* '37, 38; *Me.* '37, 431^a; *Mich.* '39, 356^a; *Minn.* '39, 98^a; *N. F.* '36, 345; *N. J.* '39, 98^a; *N. Y.* '34, 389, '40, 258; *O.* '33, 449, '34, 386^a, '36, 92, '37, 326, 399, '39, 258^a; *Ont.* '40, 403^a; *Tenn.* '38, 575^a, '39, 356^a.—*band.* '38, 575^a, '39, 98^a, 356^a; *blood.* '37, 518; *cowbird host.* '34, 386^a; *eye.* '38, 242^a; *feather count.* '36, 163^a, 169^a; *flight.* '33, 452^a; *fd.* '33, 374^a; *hbt.* '34, 389, '40, 258; *nest.* '33, 449, '34, 389, '36, 222; *paras.* '37, 42; *song.* '38, 267^a; *wt.* '31, 574, '37, 38, 326, '38, 422^a, 423^a, 429^a, 436, 437, 446^a, 514; *wing area.* '38, 514; *misc.* '31, 542^a, 543^a, 544^a, '36, 285, '39, 257, '40, 423^a.
- mearnsi** (Pink-sided Junco), *Calif.* '31, 621; *Utah.* '32, 237.
- mutabilis**, *Nev.* '31, 645.
- oreganus** (Oregon Junco), *N. Y.* '34, 398.—*misc.* '36, 285.
- palliatu**s (Arizona Junco, Red-backed Junco), *Mex.* '38, 287.
- phaeonotus** (Mexican Junco), *Mex.* '35, 423, '40, 235, 243.
- pinosus** (Point Pinos Junco), *hyb.* '38, 695.
- ridgwayi**, *misc.* '38, 170.
- shufeldti** (*Shufeldt's Junco), *Mass.* '31, 274, '33, 226^a; *Nev.* '35, 468; *N. Y.* '33, 123; *O.* '37, 399; *Utah.* '38, 303^a.—*fd.* '38, 303^a.
- thurberi** (Thurber's Junco), *Nev.* '35, 468.
- Junco, see Junco hyemalis.
- Arizona, see Junco palliatu.
- Carolina, see Junco carolinensis.
- Gray-headed, see Junco caniceps.
- Mexican, see Junco phaeonotus.
- Oregon, see Junco oregonus.
- Pink-sided, see Junco mearnsi.
- Point Pinos, see Junco pinosus.
- Red-backed, see Junco dorsalis and J. palliatu.
- Shufeldt's, see Junco shufeldti.
- Slate-colored, see Junco hyemalis.
- Thurber's, see Junco thurberi.

- White-winged, see Junco aikeni.
- Jung**, Clarence Schram.
- The western willet in Wisconsin, '32, 468.
- Occurrence of the least tern (*Sterna a. antillarum*) in Wisconsin, '35, 87.
- European goldfinch (*Carduelis carduelis*) in Wisconsin, '36, 340–341.
- jungei (*Rhyticeros*), see *Rhyticeros*.
- juninensis (*Phloeocryptes*), see *Phloeocryptes*.
- jyekundensis (*Petronia*), see *Petronia*.
- Jynx**, *tax.* '34, 123.
- incognita**, *Houan-hé*, '34, 121.
- torquilla** (*Wryneck), *Germ.* '37, 419^a.—*age, band.*, '40, 271.

K

- Kadner**, Carl George, and **Hermes**, W. B. see *Hermes* and *Kadner*.
- kadugliensis (*Steganura*), see *Steganura*.
- kagoshimae (*Alauda*), see *Alauda*.
- Kagu, see *Rhynchotos jubatus*.
- Kakatoo galerita** (*Yellow-crested Cockatoo), *aviary.* '37, 573^a; *disease.* '40, 332.
- roseicapilla**, *disease.* '40, 332.
- sanguinea**, *disease.* '40, 332.
- Kalmbach**, Edwin Richard.
- Progress in western duck sickness studies (rev.), '32, 256.
- The crow in its relation to agriculture (rev.), '40, 272.
- Economic status of the English sparrow in the United States (rev.), '40, 590.
- Kalmbach**, E. R., and **Gunderson**, M. F. Western duck sickness a form of botulism (rev.), '35, 120.
- Kalter**, Louis Bieser.
- Belted kingfisher—fishing or bathing?, '32, 87.
- Carolina wren roosting in hornet's nest, '32, 90.
- Seed-cache robbers among winter residents, '32, 108–109.
- A comparatively tame eastern green heron, '32, 342.
- The American pipit at Glen Helen, Yellow Springs, Ohio, '32, 353–354.
- Birds attracted to small-flowered leaf cup, '32, 365.
- kamtschatica (*Aquila*), see *Aquila*.
- Kamtschatka**.
- Bergman, S., '35, 333 (rev.).
- kamtschatkensis (*Buteo*), see *Buteo*.
- kamtschatschensis (*Larus*), see *Larus*.
- kandti (*Barbatula*), see *Barbatula*.
- kangrae (*Lophophanes*), see *Lophophanes*.
- (*Procarduelis*), see *Procarduelis*.

Kansas.

- Abeg, K., '40, 416.
 Alexander, F. M., '34, 382-383.
 Baumgartner, F. M., '34, 537-538, '39, 274-282.
 Black, J. D., '32, 489-490, '35, 193-194.
 Colvin, W., '35, 88, '36, 451.
 Cruickshank, A. D., '37, 385.
 Johnson, C. E., '34, 477-481.
 Lincoln, F. C., '40, 420.
 Long, W. S., '33, 211, 449-450, '34, 81, 255, 515-516, 534-535, '35, 77, 314, 466, '36, 219.
 Tiemeier, O. W., '37, 391.
 Wells, W., '40, 133 (rev.), 440 (rev.), 595 (rev.).
kansuensis (Cyanopica), see *Cyanopica*.
 — (Passer), see *Passer*.
karafutonis (Bubo), see *Bubo*.
kasai (Cisticola), see *Cisticola*.
Kassoy, Irving, **Kuerzi**, J., and **Kuerzi**, R.
 Notes on the breeding birds of Orange County, N. Y., '31, 277-279.
kasuidori (Caprimulgus), see *Caprimulgus*.
katangae (Anthus), see *Anthus*.
kathangorensis (Mirafraga), see *Mirafraga*.
kaupi (Arses), see *Arses*.
Kearton, Cherry.
 The island of penguins (rev.), '32, 120-121.
Kellogg, [Peter] Paul.
 [Photo], '37, 168.
Kellogg, P. P., and **Allen**, A. A.
 see *Allen* and *Kellogg*.
Kellogg, P. P., and **Brand**, A. R.
 see *Brand* and *Kellogg*.
kelloggiae (Lagopus), see *Lagopus*.
kelsalli (Oceanodroma), see *Oceanodroma*.
Kelso, Estelle Henderson (Mrs. Leon Hugh Kelso).
 A new striped owl from Tobago, '36, 82.
 A new wood owl from Siam, '37, 305.
Kelso, John Edward Harry, 1860-1932.
 Obituary, '33, 83, 154.
Kelso, Leon Hugh.
 A note on the food of the Hungarian partridge, '32, 204-207.
 Spix's screech owl in Ecuador, '32, 478-479.
 The forgotten Georgian owl, '33, 106-107.
 Synopsis of the American wood owls of the genus *Ciccaba* (rev.), '33, 139.
 "Nyctale fasciata" of Bertonii, '33, 435-436.
 A key to the owls of the genus *Pulsatrix* Kaup, '34, 234-236.
 A new spectacled owl from Bolivia (rev.), '34, 268.

- A new stygian owl, '34, 522-523.
 see *Lid*, J., and *Meidell*, O., 'The food of Norwegian grouse chicks' (rev.), '34, 549-550.
 see *Lid*, J., 'Crop contents of ptarmigans from Taimyr' (rev.), '35, 116.
 see *Gorsuch*, D., 'Life history of the Gambel quail in Arizona' (rev.), '35, 117-118.
 A Costa Rican race of *Jardine's* pygmy owl, '37, 304.
 Food of the burrowing owl in Colorado (rev.), '39, 203.
 A study of the spectacled owls, genus *Pulsatrix* (rev.), '39, 203.
 Notes on barred owl nestlings in Arlington Cemetery (rev.), '39, 496.
 Summer food of the burrowing owl in Colorado (rev.), '39, 496.
 Additional races of American owls (rev.), '40, 128.
 The violet-green swallow (rev.), '40, 128.
 Antipathy in the screech owl, '40, 252-253.
 Plant foods of upland game birds (rev.), '40, 272.
 Variation of the external ear-opening in the Strigidae (rev.), '40, 434.
Kelso, L., and **Cottam**, C.
 see *Cottam* and *Kelso*.
Kelso, L., and **Kelso**, Estelle H.
 A key to species of American owls (rev.), '35, 114.
 A new *Rhinoptynx* from Argentina, '35, 450-451.
 The relation of feathering of feet of American owls to humidity of environment and to life zones, '36, 51-56.
 A new *Ciccaba* from southeastern Mexico and northern Guatemala, '36, 215-216.
 A new screech owl from Colombia, '36, 448.
Kendeigh, Samuel Charles.
 A study of Merriam's temperature laws (rev.), '33, 130-131.
 Abundance and conservation of the bob-white in Ohio (rev.), '33, 249.
 The rôle of environment in the life of birds (rev.), '34, 546.
 In memoriam: Samuel Prentiss Baldwin, '40, 1-12.
 The relation of metabolism to the development of temperature regulation in birds (rev.), '40, 272.
 Factors affecting length of incubation, '40, 499-513.
Kendeigh, S. C., and **Baldwin**, S. P.

- Factors affecting yearly abundance of passerine birds (rev.), '37, 564.
- Kennard**, Frederic Hedge, 1865-1937.
[Obituary of] Chauncy Ward Chamberlain, '31, 163-164.
[Obituary of] Charles William Jenks, '32, 147.
Newfoundland crossbill at Wellesley, Mass., '32, 358.
Black ducks as ice breakers, '34, 226-227.
[Obituary of] Owen Durfee, '34, 287-288.
Prothonotary warbler at Auburndale, Mass.—a correction, '35, 93.
John Marion Priour (rev.), '37, 222.
Obituary, '37, 234, '38, 324.
In memoriam, '37, 341-348.
- Kenney**, Francis Royal, and **McAtee**, W. L.
The problem: drained areas and wild-life habitats (rev.), '39, 356.
kennicotti (Otus), see Otus.
— (Pedioecetes), see Pedioecetes.
- Kent**, Edwin Clark, 1856-1938.
Obituary, '39, 122.
- Kentucky**.
Allen, F. H., '39, 476.
Bailey, Florence M., '34, 109-110 (rev.).
Barbour, R. W., '40, 254.
Hibbard, C. W., '35, 465.
Hobson, Dorothy M., '39, 327.
Mengel, R. M., '39, 105 (rev.), '40, 424.
Monroe, B. L., '38, 670, 678, '39, 471, '40, 111.
Welter, W. A., '35, 88-89.
Wetmore, A., '40, 595 (rev.).
- Kenya**.
Bowen, W. W., '31, 150 (rev.).
Friedmann, H., '31, 150 (rev.).
Moreau, R. E., '38, 576 (rev.).
keraudrenii (Phonygamus), see Phonygamus.
Kernel-eater, Gray, see Pitylus fuliginosus.
kernensis (Pipilo), see Pipilo.
— (Vultur), see Vultur.
Kestrel, see Falco cenchroides and F. tinnunculus.
Western Red-legged, see Falco vespertinus.
- Ketupa doerrii** (Bubo), syst. '34, 276, 276^b.
- Key**, Hilton J.
A little falcon (Falco longipennis) kills a bat (rev.), '38, 693.
- Keyes**, Mrs. Charles Frederick, 1871-1933.
Obituary, '34, 70.
- Keyserlingk**, Alexander Graf.

- Beobachtungen an Uferschwalben (Riparia riparia) (rev.), '38, 575.
keysseri (Casuarius), see C. hecki.
- Khakhloff**, V. A.
Les oiseaux de la Steppe de Kouznetzki et du Salair (rev.), '37, 222.
- Kidder**, Nathaniel Thayer, 1860-1938.
Obituary, '38, 700, '39, 122.
kidepoensis (Mirafr), see Mirafr.
kilimense (Buccanodon), see Buccanodon.
kilimensis (Coccopygia), see Coccopygia.
Kildeer, see Oxyechus vociferus.
- Kingbird**, see Tyrannus tyrannus.
Arkansas, see Tyrannus verticalis.
Cassin's, see Tyrannus vociferans.
Eastern, see Tyrannus tyrannus.
Gray, see Tyrannus dominicensis.
Large-billed, see Tyrannus vorax.
West Mexican, see Tyrannus occidentalis.
- Kingfisher**, see Megaceryle alcyon.
Amazon, see Chloroceryle amazona.
Belted, see Megaceryle alcyon.
Eastern Belted, see Megaceryle alcyon.
European, see Alcedo atthis.
Green, see Chloroceryle isthmica.
Lindsay's, see Halcyon lindsayi.
Mangrove, see Halcyon chloris.
Ringed, see Megaceryle torquata.
Sacred, see Halcyon sanctus.
Texas, see Chloroceryle septentrionalis.
Western Belted, see Megaceryle caurina.
White-throated, see Halcyon gularis.
- kingi** (Agelaiocercus), see Agelaiocercus.
— (Ornismya), see Agelaiocercus.
— (Trachyphonus), see Trachyphonus.
- Kinglet**, Eastern Golden-crowned, see Regulus satrapa.
Eastern Ruby-crowned, see Corthylio calendula.
European Golden-crowned, see Regulus regulus.
Fire-crested, see Corthylio ignicapillus.
Golden-crowned, see Regulus satrapa.
Ruby-crowned, see Corthylio calendula.
Western Ruby-crowned, see Corthylio cineraceus.
- Kinnear**, Norman Boyd.
Types of British birds in the Rothschild collection (rev.), '37, 413.
[A new race of babbler from south-eastern Tibet] (rev.), '38, 693.
[A new Sheppardia from Nyasaland] (rev.), '39, 104.
New races of rose finch, Suthora and nuthatch collected by Messrs. Ludlow and Sherriff in southeast Tibet (rev.), '40, 434.
- Kinnear**, N. B., and **Lowe**, P. R.

- see Lowe and Kinnear.
Kinnear, N. B., and Whistler, H.
 see Whistler and Kinnear.
kinneari (*Ammomanes*), see *Ammomanes*.
 — (*Cinnyris*), see *Cinnyris*.
kioloides (*Canirallus*), see *Mentocrex*.
 — (*Gallinula*), see *Mentocrex*.
 — (*Mentocrex*), see *Mentocrex*.
Kirchner, H.
 Beitrag zur Vergesellschaftung ziehen-
 der Limicolen (rev.), '37, 414.
Kirkman, F. B.
 Bird behavior (rev.), '37, 400-401.
Kirn, Albert Joseph Bernard.
 Lead-colored bush-tit near San An-
 tonio, Texas, '33, 221.
kirtlandi (*Dendroica*), see *Dendroica*.
Kiskadee, see *Pitangus sulphuratus*.
Kitchen, Edward Alexander.
 Distributional check-list of the birds
 of the state of Washington (rev.),
 '34, 414.
 A distributional check-list of the birds
 of Mount Rainier National Park
 (rev.), '40, 128.
 Kite, see *Milvus migrans* and *M. milvus*.
 Black, see *Milvus migrans*.
 Everglade, see *Rostrhamus plumbeus*.
 Malay Brahminy, see *Haliastur intermedius*.
 Mississippi, see *Ictinia mississippiensis*.
 Red, see *Milvus icinus*.
 Southern Everglade, see *Rostrhamus sociabilis*.
 Swallow-tailed, see *Elanoides forficatus*.
 White-tailed, see *Elanus majusculus*.
 Kittiwake, see *Rissa tridactyla*.
 Atlantic, see *Rissa tridactyla*.
 Pacific, see *Rissa pollicaris*.
 Red-legged, see *Rissa brevirostris*.
Kleiner, Andrew.
 The jackdaws of the palaearctic region,
 with descriptions of three new races
 (rev.), '40, 272-273.
 Systematische Studien über die Corvi-
 den (rev.), '40, 590.
 Ergänzung zur systematischen Revi-
 sion des Eichelhäfers (rev.), '40, 590.
**Kleinschmidt, Otto [Jourdain, F. C. R.,
 translator].**
 The formenkreise theory and the
 progress of the organic world (rev.),
 '31, 286-288.
kleinschmidtii (*Erythrura*), see *Erythrura*.
 — (*Parus*), see *Parus*.
 — (*Saxicola*), see *Saxicola*.
Kloss, Cecil Boden, and Chasen, F. N.
 see Chasen and Kloss.
Kloss, C. B., and Robinson, H. C.
 see Robinson and Kloss.
Knappen, (Miss) Phoebe Malura.
 Number of feathers on a duck, '32, 461.
 Feeding habits of the turnstone
 (*Arenaria interpres morinella*), '33,
 99-100.
 Birds eating sawfly larvae, '33, 451-
 452.
 Some bird enemies of *Odonata*, '33, 452.
 Insects in the winter food of tree
 sparrows, '34, 93-94.
 Plecoptera as a bird food, '34, 103-104.
 Some additional Audubon copper-
 plates, '34, 343-350.
 Another "three-legged bird," '35, 470.
 Audubon copper plates, additions and
 corrections, '38, 288.
Knappen, Phoebe M., and Cottam, C.
 see Cottam and Knappen.
Knight, Charles Harold.
 An albinistic robin, '40, 574.
Knipolegus, Peru, '38, 312.
cyanirostris (Blue-billed Black Ty-
 rant), *Parag.* '31, 55.—*hbt.* '31, 52, 53;
nest. '31, 55.
Knopfli, Walter.
 Les oiseaux de la Suisse, part 17 (rev.),
 '40, 585.
Knopfli, W., and Burg, G. von.
 see Burg and Knopfli.
 Knot, see *Calidris rufus*.
 American, see *Calidris rufus*.
 Eastern Asiatic, see *Calidris tenuirostris*.
Knowles, Edwin Hubert Mapleton.
 Polygamy in the western lark sparrow,
 '38, 675-676.
Knowlton, George Franklin.
 Utah birds in the control of certain
 insect pests (rev.), '38, 300.
 Biological control of the beet leafhop-
 per in Utah (rev.), '38, 303.
Kobbé, Frederick William.
 Eastern and western ducks, '33, 95-96.
Koch, J. C.
 Beschouwingen over het broedparasi-
 tisme van den koekoek, *Cuculus c.*
canorus L. (rev.), '39, 496.
 De britische putter, *Carduelis c. britanica* (Hart.), een nieuwe vorm de
 nederlandse avifauna (rev.), '39,
 496.
Koch, Ludwig, and Nicholson, E. M.
 see Nicholson and Koch.
 Koel, see *Eudynamis scolopaceus*.
 Eastern, see *Eudynamis orientalis*.
Koels, Walter.
 Notes on the birds of Spiti, a Himalay-
 an province (rev.), '37, 414.
Koenig, Alexander.
 Bericht über ein in der Freiheit gesam-

- meltes Ei von *Bucorvus abyssinicus* (Bodd.) (rev.), '37, 564.
- koenigswaldiana (Pulsatrix), see Pulsatrix.
- koesteri (Caprimulgus), see Caprimulgus.
- Kofoid, Charles Atwood.
- Frances Orpen Morris: ornithologist and anti-Darwinist, '38, 496-500.
- kogo (Picus), see Picus.
- Kolb, Charles Haven, Jr., Hampe, I., and Seibert, H.
- see Hampe, Seibert and Kolb.
- kolozvarensis (Rallicrox), see Rallicrox.
- Kooiman, J. G.
- Waarnemingen bij het nest van den Maleischen Slangenbuizerd (*Spilornis cheela bassa* (Forst)) in Oost-Java (rev.), '38, 303.
- Kookaburra, see *Dacelo gigas*.
- korensis (Cyanopica), see Cyanopica.
- koreni (Lagopus), see Lagopus.
- korschun (Milvus), see *M. migrans*.
- Koslova, Elizabeth Vladimirovna.
- [On birds of Trans-Baikalia and Mongolia], (rev.), '31, 297.
- Contributions to the ornithology of central Asia (rev.), '31, 298.
- Field observations on the breeding of the herring gull (*Larus argentatus ponticus*) on the Caspian Sea (rev.), '38, 693.
- koslovae (Pterocles), see Pterocles.
- Koslowia, Tibet, '38, 697.
- Kramer, Robert, Carleton, G., et al.
- see Carleton, Kramer et al.
- Krätzig, H.
- Histologische Untersuchungen zur Frage der Struktur-und Farbveränderungen an Federn nach künstlicher (Thyroxin) Mauser (rev.), '38, 575.
- Untersuchungen zur Lebensweise des Moorschneehuhns (*Lagopus l. lagopus* L.) während der Jugendentwicklung (rev.), '40, 434.
- Krätzig, H., and Schütz, E.
- Ergebnis der Versetzung ostbaltischer Stare ins Binnenland (rev.), '37, 222-223.
- kreczmeri (Sylvia), see Sylvia.
- krideri (Buteo), see Buteo.
- kriegi (Taraba), see Taraba.
- krymensis (Nannus), see Nannus.
- (Troglodytes), see Nannus.
- kubuna (Rhipidura), see Rhipidura.
- Kuenen, D. J., and Tinbergen, N.
- see Tinbergen and Kuenen.
- Kuerzi, John Francis.
- Notes on the occurrence of *Ajaia ajaja* and some other species in Florida, '31, 114-116.
- On the status of the gannet (*Sula*

- bassana) in the New York City region, '31, 256.
- Kuerzi, J. F., Kassoy, I., and Kuerzi, R.
- see Kassoy, Kuerzi and Kuerzi.
- Kuerzi, J., and Kuerzi, Richard.
- European teal (*Nettion crecca*) on Long Island, New York, '33, 429-430.
- Lesser black-backed gull (*Larus fuscus graellsii*) in Bronx County, New York City, '35, 185-186.
- Kuhlemann, Peter.
- Beobachtungen an einer durch Flusseschwaben (*Sterna h. hirundo* L.) aus vertauschtem Ei erbrüteten und aufgezogenen Silbermöwe (*Larus a. argentatus* Pontopp.) (rev.), '40, 128.
- Kuhn, Otto.
- Physiology of feather growth (rev.), '33, 380.
- kuiperi (Turnix), see Turnix.
- kumlieni (Larus), see Larus.
- Kurile Islands.
- Bergman, S., '35, 333.
- Kuroda, Nagamichi.
- On the geographic distribution of the birds of Japan and vicinity (rev.), '31, 306.
- Birds of the island of Java (rev.), '34, 108.
- A revision of the types of birds described by Japanese authors during the years 1923-1931 (rev.), '33, 137.
- An examination on the individual variations among 1,000 teals (rev.), '38, 303-304.
- A small collection of birds from Halmahara or Gilolo (rev.), '39, 356.
- On the trachea of rare species of Anatidae (rev.), '39, 356.
- Kuroda, N., et al.
- Birds of Jehol (rev.), '35, 476.
- kurodai (Yungipicus), see Yungipicus.
- Kuschke, Arthur Wyndham, Jr.
- Arkansas kingbird on Matinicus Isle, Maine, '37, 208.
- Kuser, Cynthia Dryden, Fry, G. G., Church, C., and Williams, L.
- see Fry, Kuser, Church and Williams.
- Kuser, Susie Dryden (Mrs. Anthony Rudolph Kuser), 1870-1932.
- Obituary, '34, 70.
- Kutz, Harry Leon.
- The diving ability of the black duck (rev.), '40, 434.

L

Labrador.

- Austin, O. L., Jr., '33, 127-128 (rev.).
- Bailey, H. H., '39, 352 (rev.).

- Cartwright, W. J., '31, 129.
 Davis, D. E., '37, 45-46.
 Gross, A. O., '37, 12-42.
 Lewis, H. F., '35, 313, '37, 75-80, '38, 304 (rev.), 575 (rev.).
labradorius (Camptorhynchus), see Camptorhynchus.
 — (Canachites), see C. canadensis.
 — (Passerculus), see Passerculus.
lacertosus (Saltator), see Saltator.
Lack, David.
 Territory and polygamy in a bishop-bird (Euplectes h. hordeacea) (rev.), '36, 120.
 On the pugnacity at the nest of a pair of Onychognathus walleri walleri (rev.), '37, 109.
 The display of the blackcock (rev.), '39, 356.
 Courtship feeding in birds, '40, 169-178.
 The behavior of the robin (rev.), '40, 273.
 The Galapagos finches (rev.), '40, 435.
 Observations on captive robins (rev.), '40, 435.
Lack, D., and Lockley, R. M.
 Skokholm bird observatory homing experiments (rev.), '38, 575.
Lackey, James B.
 Mockingbird in summer at Wood's Hole, Mass., '35, 90.
laemostictus (Piculus), see Piculus.
laetissimus (Vireo), see Vireo.
Lafresnayea gayi, *Ecuad.* '34, 149.
lafresnayei, *Colom.* '37, 405.—*hyb.* '37, 405.
lafresnayei (Lafresnayea), see Lafresnayea.
lafresnayi (Dendrocincla), see Dendrocincla.
Lagonosticta, *paras.* '38, 138; *tax.* '39, 501.
senegala, *disease*, '40, 332.
lagophonus (Bubo), see Bubo.
Lagopus albus (*Willow Ptarmigan), *Alta.* '36, 471^a; *Baf. I.* '40, 14^a, 19^a, 20^a; *Man.* '35, 203; *Mich.* '31, 617; *N. W. Ter.* '38, 145^a; *Que.* '36, 471^a, '37, 514.—*disease*, '37, 515; *egg*, '40, 56^a; *fd.* '37, 514-515; *incub.* '40, 56^a, 58^a; *pl.* '37, 512; *tax.* '34, 540; *wt.* '35, 203.
alleni (Allen's Ptarmigan), *N. F.* '36, 343.
brevirostris, *Sib.* '35, 127.
capitus, *nomen.* '34, 540.
dybowski, *Sib.* '35, 127.
groenlandicus, *Greenl.* '33, 135.—*nomen.* '34, 540.
kelloggae (Kellogg's Ptarmigan), *Labr.* '37, 22.
koreni, *Sib.* '35, 127.

- lagopus** (*Willow Ptarmigan, Willow Grouse), *Finl.* '38, 578^a; *Nor.* '37, 108^a.—*behav.* '40, 434; *fd.* '34, 549, '40, 434; *hyb.* '32, 384; *tax.* '34, 540; *misc.* '36, 243^a, '39, 347^a.
leucopterus, *Baf. I.* '32, 384.—*misc.* '34, 540.
leucurus (*Northern White-tailed Ptarmigan, White-tailed Ptarmigan), *B. C.* '35, 353.—*nest*, '35, 353; *misc.* '40, 580^a.
mutus (*Ptarmigan), *Ural Mts.* '38, 136^a.—*fd.* '35, 116.
rainierensis (Rainier White-tailed Ptarmigan), *Wash.* '36, 133.
reinhardi (Reinhardt's Ptarmigan), *Greenl.* '33, 135.
rupestris (*Rock Ptarmigan), *Baf. I.* '37, 228^a, '40, 15^a, 16^a, 19^a, 20^a; *Greenl.* '33, 135; *Labr.* '37, 22-23; *N. W. Ter.* '38, 145^a.—*fd.* '37, 22; *meas.* '37, 23; *paras.* '37, 41; *tax.* '34, 540; *wt.* '37, 23.
scoticus (*Scottish Grouse, Red Grouse), *cycles*, '37, 47; *hbt.* '39, 358^a; *wt.* '38, 431.
ungavus (Ungava Ptarmigan), *tax.* '34, 540.
variegatus, *Nor.* '36, 363.
welchi (Welch's Ptarmigan), *N. F.* '36, 343.
lagopus (Buteo), see Buteo.
 — (Lagopus), see Lagopus.
Laing, Hamilton Mack.
 Notes on the black pigeon hawk, '35, 305-307.
 Additional notes on breeding of black pigeon hawk, '38, 525-527.
Laing, Mary Elizabeth, —1931.
 Obituary, '33, 83.
laingi (Astur), see Astur.
Laletes, *tax.* '35, 119, '36, 458.
lalfa (Heteroprion), see Pachyptila.
 — (Pachyptila), see Pachyptila.
La Mar, (Miss) Kate Elizabeth, and Bennett, L. J.
 see Bennett and La Marr.
Lamb, Chester Converse.
 [Personal mention], '35, 225.
lamberti (Malurus), see Malurus.
Lambrecht, Kalmán, 1889-1936.
 Handbuch der Palaeornithologie (rev.), '34, 261-263.
 In memoriam: Robert Wilson Shufeldt, 1850-1934, '35, 359-361.
 Obituary, '37, 125.
Lamkins, Ivan R.
 A snowy owl from coastal Georgia, '31, 268.
Lammergeier, see Gypaetus barbatus.
Lamond, Henry G.

- An aviary on the plains (rev.), '35, 333-334.
- Lampornis amethystinus**, *Mex.* '37, 194.—*meas.*, *plm.*, *tax.*, '37, 194-195.
- bessophilus** (Arizona Blue-throated Hummingbird), *Ariz.*, *Mex.*, *N. M.*, '39, 161.—*fd.* '39, 161.
- brevirostris**, *Mex.* '37, 194.—*tax.* '37, 194-195.
- clemenciae** (*Texas Blue-throated Hummingbird, Blue-throated Hummingbird), *Mex.* '39, 444-445^a; *Tex.* '38, 157.
- margaritae**, *Mex.* '37, 193-195.—*plm.*, *tax.*, '37, 194-195.
- nobilis**, *Hond.* '37, 194.—*meas.* '37, 194.
- pringlei**, *Mex.* '37, 195.—*plm.*, *tax.*, '37, 195.
- salvini**, *Guat.* '37, 194.—*meas.*, *plm.*, '37, 194.
- Lamprocolius bispecularis**, *misc.* '34, 560.
- Lamprospiza**, *tax.* '37, 212.
- Lance**, Harry.
- An influx of Leach's petrels, '34, 74.
- Lane**, Henry Wallace.
- Varied bunting in New Mexico, '31, 275.
- Lane**, Merton Chesleigh.
- The Great Basin wireworm in the Pacific northwest (rev.), '32, 379.
- langbianensis** (Brachypteryx), see *Brachypteryx*.
- Langdon**, Frank Warren, 1852-1933.
- Obituary, '34, 132.
- Laniarius brauni**, *Angola*, '40, 125.
- nyassae**, *Nyasaland*, '32, 253.
- Lanier**, Henry Wyshan.
- A. B. Frost, the American sportsman's artist (rev.), '34, 257-258.
- Laniidae**, *Afr.* '40, 321.—*eye*, '38, 240; *hbt.* '40, 177; *myol.* '38, 642, 649; *misc.* '38, 103, 167.
- Laniocera**, *Peru*, '37, 230.
- Lanius**, '33, 86, '38, 465.
- borealis** (*Northern Shrike), *Conn.* *Vol.* '32, 360; *Mass.* '37, 44; *Mich.* '31, 132; *N. Y.* '39, 456-459; *Ont.* '39, 411-419^a.—*behav.* '39, 456-459; *dist.* '37, 43; *fluctuating nos.* '39, 411-418^a; *fd.* '37, 43, 45^a; '39, 416^a, 456-459; *hbt.* '34, 554^a; '37, 43; *mig.* '37, 43, 48^a; *tax.* '36, 103; *wt.* '38, 443; '39, 457; *misc.* '38, 569; '39, 494^a.
- collaris**, *hbt.* '40, 323.
- collurio** (*Red-backed Shrike), *Afr.* '39, 296; *Germ.* '36, 476, '37, 419^a; *Italy*, '39, 359.—*behav.* '40, 175, 177, 178; *hbt.* '36, 476, '40, 323; *mig.* '38, 152; *misc.* '38, 121^a, 468^a; '39, 94^a, 206.
- excubitor**, *dist.* '37, 570; *hbt.* '40, 323.

- excubitorides** (*White-rumped Shrike ^b*gambeli*, ^c*sonoriensis*), *Mex.* '35, 256^a, 421^a; *Mont.* '35, 203; *Utah*, '32, 237^b.—*tax.* '36, 103; *misc.* '35, 360.
- gambeli** (*California Shrike, Shrike), *Calif.* '35, 429; *Mex.* '35, 256.—*dist.* '35, 429; *flight*, '33, 316^a; *wt.* '38, 434^a.
- grinnelli**, *misc.* '36, 103.
- hainanus**, *China*, '38, 568.
- humeralis**, *Afr.* '40, 321.—*fledg.* '40, 321.
- invictus** (Northwestern Shrike), *intergradation*, '37, 43.
- lingulacus**, *China*, '40, 433.—*type loc.* '40, 433.
- ludovicianus** (*Loggerhead Shrike, Shrike), *Fla.* '36, 219, '38, 540; *N. C.* '37, 458; *Va.* '33, 192^a, 364, '34, 119^a.—*behav.* '38, 540, '39, 356^a, '40, 177, 178; *fd.* '36, 219; *myol.* '38, 642; *nest*, '36, 219; *tax.* '36, 103; *wt.* '31, 574.
- ludovicianus** subsp., *Mex.* '40, 237, 241; *Tex.* '38, 134; *W. Va.* '38, 677.—*meas.* '38, 677.
- mearnsi**, *misc.* '36, 103.
- meridionalis**, *dist.* '37, 570.
- miamensis**, *Fla.* '34, 114.
- migrans** (*Migrant Shrike), *Ark.* '31, 238; *Del.* '35, 317; *Kans.* '34, 538^a; *Me.* '38, 566^a; *Mass.* '32, 102, '33, 366, 445; *N. C.* '35, 91, '37, 458; *O.* '31, 371, '37, 326; *S. C.* '36, 313.—*feather count*, '36, 167^a; *tax.* '36, 103; *wt.* '37, 326; *misc.* '38, 677.
- nasutus** (Philippine Black-headed Shrike), *P. I.* '38, 220-221.—*fd.*, *hbt.*, *mid.*, '38, 221.
- pomeranus** (*Woodchat), *misc.* '36, 121^a.
- schach** (*Rufous-backed Shrike), *India*, '37, 420^a.—*aces*, '39, 354.
- senator**, *hbt.* '36, 476, '40, 177, 323.
- laotiana** (Muscicapula), see *Muscicapula*.
- (*Strix*), see *Strix*.
- lapponica** (Limosa), see *Limosa*.
- (*Scotiaptex*), see *Scotiaptex*.
- (*Strix*), see *Scotiaptex*.
- lapponicus** (Calcarius), see *Calcarius*.
- Lapwing**, see *Vanellus vanellus*.
- Blyth's Wattled**, see *Microsarcops cinereus*.
- Lari**, *eye*, '38, 238; *hbt.* '40, 176.
- Laridae**, *eye*, '38, 238; *hbt.* '40, 176; *tax.* '31, 635, '40, 430; *misc.* '37, 205, 506.
- Lark**, California Horned, see *Otocoris actia*.
- Crested, see *Alauda cristata*.
- Cut-throat, see *Macronyx croceus*.
- Desert, see *Ammomanes deserti*.
- Desert Horned, see *Otocoris leucolae-ma*.

Dusky Horned, see *Otocoris merrilli*.
 Flappet, see *Mirafra fischeri*.
 Horned, see *Otocoris alpestris*, *O. hoyti* and *O. rubea*.
 Hoyt's Horned, see *Otocoris hoyti*.
 Island Horned, see *Otocoris insularis*.
 Mohave Horned, see *Otocoris ammodendrophila*.
 Northern Horned, see *Otocoris alpestris*.
 Pallid Horned, see *Otocoris arcticola*.
 Philippine Bush, see *Mirafra philippensis*.
 Prairie Horned, see *Otocoris praticola*.
 Ruddy Horned, see *Otocoris rubea*.
 Sky, see *Alauda arvensis*.
 Yuma Horned, see *Otocoris leucansiphtila*.
Larson, Leigh Marian.
 Osteology of the California road-runner, Recent and Pleistocene (rev.), '31, 150.
Larus, *behav.* '40, 174, 176; *misc.* '40, 22.
argentatus (*Herring Gull, *argenteus*), *Atlantic*, '32, 189; *Engl.* '37, 414^a; *Finl.* '39, 102; *Germ.* '40, 431; *N. Sea*, '37, 408; *Russ.* '39, 102; *Scoll.* '38, 684^a.—*age*, '35, 342^a; *anat.* '38, 310^a; *behav.* '40, 22, 36–41, 169, 171, 178; *flight*, '33, 313^a, '39, 96^a; *fd.* '37, 409, '39, 421^a; *hbt.* '37, 408, 414^a, '38, 569, '39, 107, 359, 425^a, 428; *hyb.* '32, 267; *life hist.* '31, 639; *meas.* '39, 354; *nid.* '37, 409; *paras.* '35, 342^a; *tax.* '34, 559, '36, 120, '37, 408^b, '39, 102; *misc.* '32, 389^a, '35, 223, '36, 247, 250, 365^a, '40, 42, 43, 128.
armenicus, *Transcaucasia*, '34, 274.
atricilla (*Laughing Gull, *megalopectera*), *Antigua*, '34, 360; *Conn.* '34, 234, '40, 111–112; *Dom. Rep.* '34, 502; *Fla.* '31, 437, '34, 82; *Ga.* '31, 281^a; *Grenada*, '36, 82; *La.* '39, 92^b; *Me.* '31, 591, '35, 337^a; *Mass.* '39, 178^a; *N. J.* '31, 646^a, '38, 294^a, 672; *N. Y.* '37, 101^a, '39, 179^a; *N. C.* '32, 219–220, '36, 81, '37, 455, 463, '40, 423; *N. S.* '40, 568; *Ont.* '38, 580^a; *Pan.* '35, 326; *Pa.* '33, 230, '34, 74, 94^a; *R. I.* '35, 186; *S. C.* '31, 281^a, '33, 360, '35, 308^a, '40, 413; *Tex.* '35, 99, '38, 68; *V. I.* '38, 553; *W. Va.* '36, 98.—*behav.* '39, 266, '40, 22–43; *courtship*, '39, 266, '40, 111–112; *egg.* '40, 56^a; *fd.* '34, 360, '35, 337^a, '36, 672; *hbt.* '34, 234; *incub.* '40, 56^a, 58^a; *melan.* '34, 82; *molt*, '38, 68; *nest*, '32, 219–220, '33, 360; *misc.* '37, 102^a, '39, 79^a.
belcheri, *Argent.* '39, 499.
brachyrhynchus (Short-billed Gull), *Mass.* '37, 205.

brunneicephalus (Tibetan Gull), *misc.* '35, 486.
californicus (*California Gull), *Colo.* '39, 80; *Mex.* '35, 253; *Utah*, '36, 289–294, '37, 389^a, '38, 300^a.—*fd.* '36, 288, 291^a, '38, 300^a; *tax.* '34, 559; *misc.* '31, 545^a, '39, 81.
canus (*Common Gull), *Atlantic*, '32, 189; *Engl.* '39, 108; *Scoll.* '38, 684^a.—*incub.* '39, 108; *nest*, '35, 223; *size variation*, '39, 358, 360; *tax.* '34, 559; *misc.* '37, 205.
delawarensis (*Ring-billed Gull), *Ala.* '33, 369; *Ark.* '36, 455^a; *Atlantic*, '32, 189; *Colo.* '39, 80; *Fla.* '36, 348; *Ga.* '31, 281^a, '33, 103; *Great Lakes*, '32, 235^a; *Me.* '32, 476, '34, 83; *Mass.* '39, 178^a; *Mex.* '35, 253; *Mich.* '32, 236; *N. H.* '32, 476, '34, 83; *N. Y.* '36, 446^a, '37, 101^a, '39, 177^a, '40, 251^a; *N. C.* '37, 463; *O.* '33, 235, '36, 212^a, '39, 79^a; *Ont.* '35, 196, '37, 101^a, 205^a; *Pa.* '34, 533; *S. C.* '31, 281^a, '33, 103, '40, 413; *Tex.* '38, 68, 133^a; *Va.* '33, 447.—*alb.* '33, 235; *egg.* '40, 56^a; *hbt.* '32, 236^a, 364^a; *incub.* '40, 56^a, 58^a; *tax.* '34, 559; *misc.* '37, 205.
dominicanus (Southern Black-backed Gull), *N. Z.* '34, 490; *S. Am.* '36, 235.—*misc.* '37, 148.
fuliginosus (Dusky Gull), *misc.* '37, 148.
fuscus (*Lesser Black-backed Gull, Gray Gull), *Afr.* '38, 145; *Atlantic*, '32, 189; *Finl.* '38, 145, '39, 102; *Fla.* '38, 671–672; *Germ.* '38, 154^a; *N. J.* '35, 85; *Russ.* '39, 102; *Scoll.* '38, 684^a.—*hyb.* '32, 267; *mig.* '34, 560, '38, 145, 154^a; *tax.* '36, 120, '39, 102; *misc.* '32, 389^a, '35, 223, '36, 247.
glaucescens (*Glaucous-winged Gull), *B. C.* '38, 581^a; *Colo.* (err.), '39, 81; *Mex.* '35, 253; *Okla.* '38, 277–278.—*eye*, '38, 225^a, 241^a, 242^a; *feather count*, '36, 159^a; *mig.* '38, 581^a; *tax.* '34, 559.
graellsii (Lesser Black-backed Gull), *N. Y.* '35, 185.—*dist.* '33, 204; *hbt.* '39, 107, 359; *tax.* '34, 559; *misc.* '38, 672.
heermanni (Heermann's Gull), *Mex.* '35, 253.
hyperboreus (*Glaucous Gull), *Baf. I.* '40, 17^a, 18^a; *Can.* '40, 13^a; *Colo.* '39, 79–80; *Fla.* '36, 445; *Ga.* '31, 435, '34, 252; *Ill.* '34, 402, '38, 277; *Labr.* '37, 27–28; *N. J.* '34, 374; *N. Y.* '34, 393; *N. C.* '35, 444; *O.* '36, 212; *Que.* '37, 28; *Va.* '33, 196.—*egg.* '40, 55^a; *eye*, '31, 436; *incub.* '40, 55^a, 58^a; *meas.* '37, 28; *nest*, '37, 28; *paras.* '37, 41; *tax.* '34, 559; *wt.* '37, 28.

kamtschatschensis (^bmajor), *nomen*. '36, 476^b; '37, 406^b; *misc.* '37, 205.

kumlieni (^aKumlien's Gull), *Baf. I.* '40, 17^a, 18^a; *Can.* '40, 13^a; *Labr.* '37, 29, '39, 352^a; *N. J.* '34, 375, '35, 186; *N. Y.* '34, 393; *N. S.* '39, 81; *Ont.* '38, 580^a.—*colors*, '37, 30, '38, 146^a; *meas.* '34, 393, '37, 30; *nomen*. '33, 151; *paras.* '37, 41; *plm.* '39, 203; *tax.* '33, 381^a, '37, 29–30, 569^a; *wt.* '37, 30.

leucopterus (^aIceland Gull, ^bglaucoides), *Conn.* '32, 84; *Labr.* '37, 28, '39, 352^a; *N. J.* '34, 375, '35, 186; *N. Y.* '34, 393; *O.* '36, 212^a; *Ont.* '40, 587^a; *R. I.* '35, 186; *Va.* '34, 375.—*nomen*. '35, 126^b; *paras.* '37, 41; *tax.* '34, 559; *wt.* '37, 28; *misc.* '37, 29–30, 569^a.

livens (Yellow-footed Gull), *Mex.* '35, 253.—*tax.* '34, 559; *misc.* '38, 672.

marinus (^aGreat Black-backed Gull), *Atlantic.* '32, 189; *Del.* '34, 376; *Finl.* '38, 578^a; *Fla.* '35, 320, '36, 347; *Labr.* '37, 29; *Me.* '31, 589, '32, 349, 476, '34, 83, '35, 382, 383, 394^a, '38, 550; *Md.* '33, 216, 368, '34, 376; *Mass.* '31, 588; *N. J.* '36, 81^a; *N. Y.* '34, 393, '36, 332; *N. C.* '34, 376, '35, 319, '36, 332–333, '37, 455, 549; *O.* '35, 322; *Que.* '31, 244^a, '37, 29; *R. I.* '36, 332; *Scotl.* '38, 684^a, '40, 584^a; *S. C.* '33, 217, '35, 447; *Spitzbergen.* '38, 694, '39, 103; *Va.* '33, 368, '34, 376; *Wales.* '39, 486^a.—*dist.* '31, 588, '33, 204, '34, 376, '36, 332; *fd.* '35, 394^a, '39, 486^a; *hbt.* '38, 569, '40, 584^a; *meas.* '37, 29; *mig.* '36, 81^a; *nest.* '31, 244^a; *paras.* '37, 41; *pl.* '35, 394^a; *tax.* '34, 559; *wt.* '37, 29; *misc.* '32, 389^a, '36, 250.

michahelles, *misc.* '40, 129.

minutus (Little Gull), *Germ.* '38, 579; *Holl.* '37, 421; *Mass.* '35, 85; *N. Y.* '33, 434, '36, 331–332.—*behav.* '37, 422; *dist.* '33, 204; *mig.* '36, 332, '38, 579.

novae-hollandiae (Silver Gull), *N. Z.* '34, 490.

occidentalis (Western Gull), *Calif.* '37, 204.—*hbt.* '37, 204; *tax.* '34, 559.

pallidissimus, *Ellesmere Land, Tai-my Pen.*, '39, 498–499.

philadelphia (^aBonaparte's Gull), *Ala.* '34, 253; *Alta.* '31, 263^a, '34, 291–296; *Ark.* '38, 285; *B. C.* '36, 360; *Fla.* '31, 248; *Ind.* '38, 278; *La.* '34, 399; *Man.* '34, 291–296, '35, 204; *Mass.* '34, 391, '39, 178^a; *Mex.* '35, 253; *N. H.* '35, 96; *N. Y.* '36, 331–332; *O.* '36, 212^a, '39, 79^a; *Ont.* '37, 205^a, '39, 186; *Pa.* '34, 74, '35, 309; *Que.* '37, 30; *Tex.* '38, 69, 133; *Va.* '33, 452^a.—*colors*, '37, 30; *fd.* '33, 452^a; *hbt.* '38, 672^a; *life hist.* '34, 291–296; *meas.* '37, 30; *mig.* '36,

332, '38, 69; *pl.* '34, 291; *wt.* '37, 30; *wt. of egg*, '35, 204; *misc.* '40, 403^a.

pipixcan (^aFranklin's Gull, ^bfranklini), *Ark.* '38, 285; *Fla.* '31, 247^a; *Mex.* '37, 193; *N. Y.* '40, 251; *O.* '39, 78–79; *Ont.* '37, 101; *Pan.* '35, 326^b; *S. Am.* '40, 426^a; *S. D.* '38, 571^a; *Utah.* '37, 389^a; *Va.* '33, 196; *Wisc.* '32, 220; *Wyo.* '34, 256.—*egg*, '40, 56^a; *hbt.* '38, 672^a; *incub.* '40, 56^a, 58^a; *mig.* '34, 256; *wt.* '32, 220.

ponticus, *Caspian Sea*, '38, 693.

relictus, *China*, '31, 630.

ridibundus (^aBlack-headed Gull), *Atlantic.* '32, 189; *Fr.* '39, 106^a; *Germ.* '34, 560, '38, 154^a; *G. Br.* '37, 400, '40, 272^a; *Holl.* '37, 30; *Labr.* '37, 30; *Mass.* '31, 160, '37, 30; *Switz.* '37, 220, 224–225^a, '40, 432.—*band.* '33, 257, '35, 217, '37, 30, 220, 224^a; *behav.* '37, 400, '39, 422^a, '40, 29^a, 36–40; *hbt.* '39, 421^a, 425^a, 499; *mig.* '37, 220, 224–225^a, '39, 154^a, 579^a, '40, 432; *nid.* '37, 400, '39, 106^a; *physiol.* '40, 261^a; *misc.* '31, 312, '32, 267, '40, 22, 42, 434^a, 440^a.

schistisagus (Slaty-backed Gull), *tax.* '34, 559.

scopulinus (Red-billed Gull), *misc.* '37, 148.

smithsonianus (^aHerring Gull, ^bargentatus), *Aca-dia.* '39, 287^a, '40, 79^a; *Atlantic.* '40, 219–224; *Baf. I.* '40, 14^a, 17^a, 18^a, 20^a; *Barbados.* '37, 539; *Can.* '40, 13^a; *Colo.* '39, 79–80; *Conn.* '34, 234, '36, 204^a; *Fla.* '36, 445^a, '38, 671^a; *Ga.* '33, 103; *Great Lakes.* '32, 235^a, '36, 324; *Ill.* '38, 277^a; *Labr.* '37, 27–28^a, 29; *Me.* '31, 589^b, 591^b, '32, 349^b, 476^b, '33, 125, '35, 337^a, 382, 383, 394^a, '37, 29, '39, 200^a, 420^a, '40, 274^a; *Mass.* '33, 367^a, '39, 178^a, '40, 219–223; *Mex.* '40, 250, 251; *Mich.* '34, 22, '37, 381^a, '39, 503^a; *N. B.* '38, 387^a, 390^a; *N. F.* '36, 343; *N. H.* '31, 18^b, '36, 225, '38, 296^a; *N. J.* '34, 374; *N. Y.* '33, 433, '36, 446^a, '37, 101^a, '38, 672, '39, 177^a, 474, '40, 128^a, 251^a, 433^a; *N. C.* '34, 396, '37, 455, 462, '38, 86^a; *O.* '36, 212^a, '39, 79^a; *Ont.* '35, 196, '37, 205^a; *Pan.* '40, 251; *Pa.* '35, 301^a, 309; *Que.* '31, 244^a, '37, 30^a; *R. I.* '35, 186; *S. C.* '33, 103, '36, 312; *Tex.* '35, 99, '38, 68, 133; *Vi.* '34, 75; *Wisc.* '36, 324, '39, 355^a, '40, 126^a.—*band.* '38, 160^a, '39, 251^a, 492^a, '40, 250; *dist.* '40, 250–251; *egg.* '40, 55^a; *eye.* '31, 436^b; *flight.* '40, 219–224; *fd.* '35, 337^a, '36, 324, '39, 287^a, '40, 274^a; *hbt.* '31, 18^b, '32, 236^a, '34, 234, '37, 214^a, '38, 390–391^a, 672, '40, 62^a; *increase.* '40, 433^a; *incub.* '40, 55^a, 58^a;

- meas.* '37, 29; *mig.* '34, 118^a, 414^a, '39, 251^a; *nid.* '31, 244^a, '38, 387^a, '39, 200^a; *paras.* '37, 41; *pl.* '35, 394, '38, 387; *wt.* '31, 572, '37, 29, '38, 517; *wing area.* '38, 517; *misc.* '35, 447, '36, 118^a, 120^a, '38, 146^a, '39, 360^a, '40, 79^a.
- stegmanni*, *nomen.* '36, 476, '37, 406.
- thayeri* (*Thayer's Gull), *B. C.* '38, 146; *Calif.* '38, 146; *Can.* '40, 13^a; *Colo.* '39, 80–81.—*colors.* '38, 146; *misc.* '37, 29–30, 569^a.
- vero*, see *Nyctanassa violacea*.
- wymani* (Wyman's Gull), *tax.* '34, 559.
- larva* (*Oreopeleia*), see *Oreopeleia*.
- larvata* (*Tangara*), see *Tangara*.
- Larvivora obscura*, *China*, '34, 116.
- Laskey**, Amelia R. (Mrs. Frederick Charles Laskey).
- Gambel's and Harris's sparrows in Tennessee, '34, 245–246.
- Mockingbird life history studies, '35, 370–381.
- [On injury feigning by birds], '36, 482.
- Fall and winter behavior of mockingbirds (rev.), '37, 223.
- Notes on the song of immature birds (rev.), '38, 304.
- Bird banding brevities (rev.), no. 12, '38, 575; no. 13, '39, 356.
- lateralis* (*Poospiza*), see *Poospiza*.
- Laterallus**, *nomen.* '33, 142, '34, 541.
- brunnescens*, *Colom.* '33, 142.
- leucopyrrhus*, *hbt.* '34, 426.
- zenopterus*, *Parag.* '34, 365.—*descr., meas.,* '34, 365.
- lathamii* (*Alectura*), see *Alectura*.
- (*Catheturus*), see *Alectura*.
- (*Sericornis*), see *Sericornis*.
- latifasciatus* (*Celeus*), see *Celeus*.
- latimeri* (*Vireo*), see *Vireo*.
- latirostris* (*Cynanthus*), see *Cynanthus*.
- La Touche**, John David Digue, 1861–1935.
- A handbook of the birds of eastern China, vol. 2 (rev.), part 1, '31, 628; part 2, '32, 248; part 3, '33, 244–245; part 4, '33, 378; part 5, '34, 264; part 6, '34, 544.
- Obituary, '36, 68, 370–371.
- Latoucheornis siemsseni** (*Junco), *China*, '36, 371^a.—*tax.* '32, 128.
- Laubmann**, Alfred.
- Wissenschaftliche Ergebnisse der Deutschen Gran Chaco-Expedition . . . Vögel (rev.), '31, 138.
- laudabilis* (*Icterus*), see *Icterus*.
- laurae* (*Seicercus*), see *Seicercus*.
- Lauri**, Siivonen.
- Ein neuer Apparat zur Registrierung der Intensitätsvariation der Zugun-
- ruhe bei gekäfigten Zugvögeln (rev.), '37, 223.
- Lavauden**, Louis, 1881–1935.
- Obituary, '36, 483, '37, 125.
- Essai sur la Perdrix Bartavelle (rev.), '37, 414.
- Law**, John Eugene, 1877–1931.
- Obituary, '32, 268–269, '33, 83.
- lawrencei* (*Cichlherminia*), see *Cichlherminia*.
- (*Spinus*), see *Spinus*.
- (*Vermivora*), see *Vermivora*.
- Lawrencina**, *tax.* '35, 119, '36, 458.
- nana* (*Vireo*), *nomen.* '36, 458^b; *tax.* '35, 119, '36, 458.
- lawrencii* (*Cyphorhinus*), see *Leucocolepis*.
- (*Gymnasio*), see *Gymnasio*.
- (*Leucocolepis*), see *Leucocolepis*.
- lawsonae* (*Micropus*), see *Micropus*.
- Lay**, Daniel W.
- Some relations of bobwhite quail to second-growth pine woodland in Walker County, Texas (rev.), '39, 104.
- Lay**, D. W., and **Siegler**, H. R.
- The blue jay as link between acorn and quail (rev.), '39, 104.
- lazula* (*Guiraca*), see *Guiraca*.
- (*Guiraca*), see *G. salicaria*.
- Leach**, Elsie P.
- Puffin ringed at St. Kilda reported in Newfoundland (rev.), '40, 435.
- Leach**, Elsie P., and **Witherby**, H. F.
- see *Witherby* and *Leach*.
- lebedinskyi* (*Eostega*), see *Eostega*.
- leclancheri* (*Leucotreron*), see *Leucotreron*.
- lecontei* (*Toxostoma*), see *Toxostoma*.
- Ledlie**, Reginald C. B., and **Pedlar**, E. G.
- Nesting of the little ringed plover in Hertfordshire (rev.), '39, 104.
- Leffingwell**, Dana Jackson, 1901–1930.
- Obituary, '31, 86.
- Leffingwell**, Mrs. Dana Jackson.
- Bobolink (*Dolichonyx oryzivorus*) in western Montana, '31, 125.
- Legatus**, *parasitism*, '38, 135.
- leucocephalus*, *parasitism*, '32, 515.
- leucophaeus* (*Striped Flycatcher*), *Pan.* '35, 327.—*nid.* '40, 212.
- Legendre**, Marcel.
- Monographie des mesanges d'Europe (rev.), '32, 505.
- Les variations de plumage et de forme chez les oiseaux. III.—Polymorphisme et dimorphisme (rev.), '37, 109.
- leggei* (*Hemipus*), see *Hemipus*.
- (*Leucopoliis*), see *Leucopoliis*.
- Leguatia gigantea** (*Flightless Land Rail), *Mauritius*, '38, 303^a.—*stat.* '40, 439; *misc.* '34, 561.

- Lehrman, Daniel S., and Noble, G. K.
see Noble and Lehrman.
- Lelepicus blanfordi* (Northern Yellow-fronted Pied Woodpecker), *India*, '38, 301.
- Leioptila dorsalis*, *Burma*, '40, 439.
engelbachi, *Indo-China*, '31, 317.
- Leiothrix lutea* (*Pekin Robin, Peking Nightingale), *avic.* '37, 418^a; *fd.* '40, 520; *hbt.* '38, 101, '40, 520.
- Leipoa ocellata* (*Brush Turkey, Mallee-fowl, Lowan), *egg.* '40, 53, 55; *incub.* '40, 53, 55; *nid.* '40, 126^a, 128^a.
- Leistes supercilialis* (Argentine Red-breasted Marsh-bird), *Argent.* '38, 45.—*cowbird host*, '38, 41–45.
- Leivo, Olavi.
Ueber einen intensiven Massenzug im Frühling und seine Ursachen (rev.), '39, 356.
- Lemon, Frank Edward, 1859–1935.
Obituary, '36, 69.
- Le Moynes, Jacques, 1530 (?)–1588.
Biography, '38, 106–111.
- lempijii (Otus), see Otus.
- Lemurolimnas*, *tax.* '34, 423.
- Lefatero, see *Anumbius anumbi*.
- lentiginosus (*Botaurus*), see *Botaurus*.
- lentipes (*Oreopeleia*), see *Oreopeleia*.
- Lentz, Dr.
Vögel des Winters in Mallorca (rev.), '37, 223.
- Leonard, A. B.
The Louisiana heron in Oklahoma, '35, 181.
- Leonard, Samuel Leeson, Clark, L. B., and Bump, G.
see Clark, Leonard and Bump.
- Leonardina woodi*, *P. I.* '36, 108.—*tax.* '35, 219.
- Leopold, Aldo.
Report on a game survey of the north central states (rev.), '31, 446–448.
Game management (rev.), '33, 376–377.
- lepidia (*Phainopepla*), see *Phainopepla*.
— (*Tachycineta*), see *Tachycineta*.
- Lepidocolaptes insignis*, *Hond.* '36, 191.
— *colors*, '36, 191.
matudae, *Mex.* '39, 100.
- lepidota (*Xanthotis*), see *Xanthotis*.
- Lepiney, and Nemeth.
[On the high mountain fauna of the Great Atlas] (rev.), '38, 150.
- Leptasthenura*, *Peru*, '39, 205.
andicola, *Ecuad.* '34, 151.
- leptogrammica (*Strix*), see *Strix*.
- leptoleucus (*Pipilo*), see *Pipilo*.
- Leptopogon inca* (*Rufous-chested Fly-catcher), *misc.* '37, 233^a.
- leptorhyncha (*Calamocetor*), see *Calamocetor*.
- leptorhynchus (*Puffinus*), see *Puffinus*.
- Leptosomus anjouanensis*, *Mad.* '34, 423.
- Leptotila angelica* (White-fronted Dove), *Mex.* '35, 424; *Tex.* '39, 158.—*fd.* '39, 158.
cassini (Cassin's Dove), *Pan.* '35, 327.
cerviniventris, *Hond.* '36, 189.—*colors, fd.*, '36, 189.
fulviventr, *misc.* '37, 233.
hypochroos, *Bras.* '37, 562.
notius, *Pan.* '31, 306.
verreauxi (Verreaux's Dove, Rusty Dove), *Pan.* '35, 327; *Venez.* '35, 329.
- Leptotriccus sylviolus*, *Bras.* '33, 323.
- lepturus (*Phaethon*), see *Phaethon*.
- lepurana (*Turnix*), see *Turnix*.
- lessoni (*Momotus*), see *Momotus*.
— (*Pterodroma*), see *Pterodroma*.
— (*Rhipidura*), see *Rhipidura*.
- Lessonia rufa*, *S. Am.* '38, 405.—*mig.* '38, 405.
- lettii (*Bubo*), see *Jubula*.
— (*Jubula*), see *Jubula*.
— (*Otus*), see *Jubula*.
- leucansiptila (*Otocoris*), see *Otocoris*.
- leucobronchialis (*Vermivora*), see *Vermivora*.
- leucocephala (*Amazona*), see *Amazona*.
— (*Arundinicola*), see *Arundinicola*.
— (*Columba*), see *Columba*.
— (*Motacilla*), see *Motacilla*.
- leucocephalus (*Haliaeetus*), see *Haliaeetus*.
— (*Himantopus*), see *Himantopus*.
— (*Legatus*), see *Legatus*.
- Leucocircus vernayi*, *India*, '32, 510.
- leucogaster (*Corythaixoides*), see *Corythaixoides*.
— (*Haliaeetus*), see *Haliaeetus*.
— (*Ispidina*), see *Ispidina*.
— (*Psophodes*), see *Psophodes*.
— (*Sula*), see *Sula*.
- leucognaphalus (*Corvus*), see *Corvus*.
- leucolaema (*Otocoris*), see *Otocoris*.
- leucolaemus (*Odontophorus*), see *Odontophorus*.
- Leucolepis infuscatus* (^b*Cyphorhinus*), *C. R.* '33, 250^b.
interpositus, *Bras.* '32, 384.
lawrencii (*Musician Wren, Lawrence's Musician Wren, ^b*Cyphorhinus*), *C. Z.* '40, 300.—*hbt.* '40, 297, 299–300; *nid.* '40, 300, 302; *note.* '40, 299–300; *pl.* '40, 293; *tax.* '33, 250^b.
rutilans, *Bras.* '32, 384.
transfluvialis, *Bras.* '32, 384.
- leucolophus (*Heuglinornis*), see *Tauraco*.
— (*Tauraco*), see *Tauraco*.

- leucomelan (*Tricholaema*), see *Tricholaema*.
 leucomelas (*Bubo*), see *Bubo*.
 — (*Lophoceros*), see *Lophoceros*.
 leucomystax (*Viridibucco*), see *Viridibucco*.
 leuconotus (*Copurus*), see *Copurus*.
 — (*Dendrocopus*), see *Dendrocopus*.
 leucopareia (*Branta*), see *Branta*.
 — (*Chlidonias*), see *C. hybrida*.
 leucophaeus (*Dicrurus*), see *Dicrurus*.
 leucophaeus (*Legatus*), see *Legatus*.
 leucophrys (*Anas*), see *Anas*.
 — (*Callonetta*), see *Anas*.
 — (*Cichlocolaptes*), see *Cichlocolaptes*.
 — (*Erythropygia*), see *Erythropygia*.
 — (*Henicorhina*), see *Henicorhina*.
 — (*Hylophilus*), see *Hylophilus*.
 — (*Rhipidura*), see *Rhipidura*.
 — (*Vireo*), see *Vireo*.
 — (*Zonotrichia*), see *Zonotrichia*.
 leucophthalmus (*Aratinga*), see *Aratinga*.
 leucopolia (*Vireo*), see *Vireo*.
Leucopolius leggei, *Ceylon*, '37, 570.
 leucopsis (*Branta*), see *Branta*.
 leucoptera (*Chlidonias*), see *Chlidonias*.
 — (*Chloephaga*), see *Chloephaga*.
 — (*Loxia*), see *Loxia*.
 — (*Pterodroma*), see *Pterodroma*.
Leucopternis ghiesbreghtii (**Ghiesbreght's Hawk*), *Pan.* '40, 517^a.—*paras.* '40, 517^a.
 princeps, *Chiriqui*, '36, 233.
 zimmeri, *Ecuad.* '35, 30^a.—*meas.* '35, 30.
 leucopterus (*Dryobates*), see *Dryobates*.
 — (*Lagopus*), see *Lagopus*.
 — (*Larus*), see *Larus*.
 — (*Mimus*), see *Mimus*.
 leucopteryx (*Icterus*), see *Icterus*.
 leucopyrrhus (*Laterallus*), see *Laterallus*.
 leucorhoa (*Oceanodroma*), see *Oceanodroma*.
 — (*Oenanthe*), see *Oenanthe*.
 leucorodia (*Platalea*), see *Platalea*.
 leucorynchus (*Artamus*), see *Artamus*.
 leucosticta (*Chloroceryle*), see *Chloroceryle*.
Leucosticte, *hbt.* '40, 177; *misc.* '33, 86.
 arcton, *tax.* '34, 423.
 audreyana, *Sikkim*, '40, 276.
 australis (*Brown-capped Rosy Finch), *Colo.* '38, 572^a.
 dawsoni (*Sierra Nevada Rosy Finch), *behav.* '40, 277^a; *hbt.* '39, 207–208^a, '40, 595; *misc.* '36, 148, 244^a, '37, 397.
 griseonucha (Aleutian Rosy Finch), *plm.* '37, 397.
 incerta, *Asia*, '32, 265.
 intermedia, *Asia*, '32, 265.

- littoralis** (*Hepburn's Rosy Finch), *B. C.* '37, 396; *Me.* '37, 396; *Ore.* '40, 580^a; *Wash.* '36, 9–16, 133–149.—*dist.* '37, 397; *fd.* '36, 13–14, 141, 142; *hbt.* '36, 10–16, 133–149; *meas.* '37, 396; *mig.* '36, 10; *nid.* '36, 138–148; *note.* '36, 15–16, 138; *pl.* '36, 12, 16, 140, 148; *plm.* '36, 15, '37, 396.
 margaritacea, *misc.* '32, 270.
 sushkini, *Mongolia*, '34, 423.
tephrocotis (*Gray-crowned Rosy Finch), *Ore.* '40, 580^a; *Wash.* '36, 9, 10, 12, 13; *hbt.* '40, 178; *misc.* '37, 397.
 leucostictus (*Ptilorhoa*), see *Ptilorhoa*.
 leucostigma (*Pachycephala*), see *Pachycephala*.
 — (*Rhagologus*), see *Pachycephala*.
 leucostriata (*Chloroceryle*), see *C. amazona*.
 leucostricta (*Certhia*), see *Certhia*.
 leucoterus (*Mimus*), see *Mimus*.
 leucothorectis (*Dryobates*), see *Dryobates*.
 leucotis (*Carterornis*), see *Carterornis*.
 — (*Hylocharis*), see *Hylocharis*.
 — (*Meliphaga*), see *Meliphaga*.
 — (*Phapitreron*), see *Phapitreron*.
 — (*Poephila*), see *Poephila*.
 leucotos (*Dryobates*), see *Dryobates*.
Leucotreron faustinoi (*bNeoleucotreron*), *P. I.* '36, 469^b.
 leclancheri (Black-chinned Fruit Pigeon), *P. I.* '38, 209.—*hbt., nid.,* '38, 209.
 longialis, *P. I.* '36, 469.
 leucura (*Pinicola*), see *Pinicola*.
 — (*Saxicola*), see *Saxicola*.
 leucurus (*Dryobates*), see *Dryobates*.
 — (*Lagopus*), see *Lagopus*.
 levallantii (*Amazona*), see *A. oratrix*.
 — (*Chrysotis*), see *Amazona oratrix*.
Levi, Wendell Mitchell, and **Hollander**, W. F.
 see Hollander and Levi.
 levis (*Rostrhamus*), see *Rostrhamus*.
Lewis, F.
 The breeding habits of the lowan in Victoria (rev.), '40, 128.
Lewis, Harrison Flint.
 Additional information concerning the double-crested cormorant (*Phalacrocorax auritus auritus* Lesson), '31, 207–214.
 Notes on the starling (*Sturnus vulgaris*) in the northern part of its North American range, '31, 605–606.
 Occurrence of the European starling (*Sturnus vulgaris*) in the James Bay region, '32, 225.
 Notes on Bohemian waxwing (rev.), '32, 381.

- Some observations indicating the northeastward extension of the range of the starling, '34, 88-89.
- Nesting of the starling (*Sturnus vulgaris*) in the Labrador Peninsula, '35, 313.
- Migration of the American brant (*Branta bernicla hrota*), '37, 73-95.
- Notes on birds of the Labrador Peninsula in 1934 and 1935 (rev.), '38, 304; in 1936 and 1937 (rev.), '38, 575.
- Reverse migration, '39, 13-27.
- Occurrence of the Lapland longspur in the Ottawa district (rev.), '39, 104.
- Musical warble of the Savannah sparrow (rev.), '39, 104.
- Greater yellow-legs and pigeon hawk (rev.), '39, 104.
- Some recent bird records from the Gaspé Peninsula, Quebec (rev.), '40, 273.
- Lewis, H. F., and Smith, R. W.**
Apparent nesting of the pigeon hawk (*Falco columbarius*) in the city of Ottawa (rev.), '39, 356.
- Lewis, H. F., and White, E. F. G.**
see White and Lewis.
- Lewis, John Barzillai.**
Behaviour of rusty blackbird, '31, 125-126.
- White-throated sparrow in Virginia in June, '31, 274.
- Nesting of brown-headed nuthatch at Amelia, Va., '32, 484.
- The loggerhead shrike, an addition to the Virginia avifauna, '33, 364.
- Nesting of the eastern vesper sparrow in southeastern Virginia, '34, 532.
- Turkey vulture carrying food, '36, 76.
- Lewis, Merriam Garretson.**
Several late nesting dates at Lexington, Virginia, '32, 103.
- lewis (*Asyndesmus*), see *Asyndesmus*.
- lherminieri (*Puffinus*), see *Puffinus*.
- L'Hommedieu, James Frank, 1878-1930.**
Obituary, '31, 86, 164-165.
- luysii (*Lophophorus*), see *Lophophorus*.
- Liberia.**
Allen, G. M., '31, 295-296 (rev.).
- liberiae (*Pseudohirundo*), see *Pseudohirundo*.
- libratus (*Tyto*), see *Tyto*.
- Lichenops andina** (Andean Silver-bill), Chile, '31, 55.—*hb.* '31, 52, 53, 55.
- lichtensteini (*Eremiector*), see *Eremiector*.
- (Penelope), see *P. argyrotis*.
- (Philydor), see *Philydor*.
- Lid, Johannes.**
Crop contents of ptarmigans from Taimyr (rev.), '35, 116.
- Lid, J., and Meidell, O.**
The food of Norwegian grouse chicks (rev.), '34, 549-550.
- Life, Cora Smith, and Coble, M. F.**
see Coble and Life.
- Life Histories.**
Amazilia tzacatl, '31, 481-500.
Aquila pomarina, '32, 265 (rev.).
Astur atricapillus, '35, 15-20.
Bombycilla cedrorum, '36, 1-8.
Buteo swainsoni, '34, 446-450.
Campephilus principalis, '37, 164-184.
Cassidix major, '37, 274-295.
Chamaea fasciata, '38, 691 (rev.).
Charadrius semipalmatus, '34, 27-36.
Chen caerulescens, '31, 335-364, '32, 258 (rev.), 279-306.
Circus hudsonius, '35, 287-299.
Cistothorus stellaris, '34, 439-445, '35, 362-369.
Colinus virginianus, '31, 444-446 (rev.).
Columbiformes, '32, 500 (rev.).
Crotophaga ani, '40, 179-218.
Cryptoglaux acadica, '31, 169-174.
Dendroica caerulescens, '31, 512-522.
Dendroica virens, '33, 403-407.
Empidonax traillii, '31, 547-552.
Falconiformes, '37, 555-556 (rev.).
Fulmarus glacialis, '37, 566-567 (rev.).
Galbula melanogenia, '37, 135-146.
Galliformes, '32, 500 (rev.).
Guira guira, '40, 472-484.
Haliaeetus leucocephalus, '32, 307-323, 428-435, '33, 35-53.
Hirundo erythrogaster, '33, 414-419.
Larus philadelphia, '34, 291-296.
Leucosticte littoralis, '36, 9-16, 133-149.
Lophortyx californica, '36, 358-359 (rev.).
Lophortyx gambeli, '35, 117-118 (rev.).
Melospiza melodia, '31, 385-406, '37, 553-554 (rev.).
Mimus polyglottos, '35, 370-381.
Myiarchus boreus, '34, 207-216.
Nycticorax hoactli, '38, 7-37.
Oceanodroma leucorhoa, '35, 382-399.
Oporornis philadelphia, '34, 37-38.
Otocoris praticola, '32, 247-248 (rev.).
Pandion carolinensis, '36, 261-268.
Passerherbulus henslowi, '40, 120-121 (rev.).
Podilymbus podiceps, '39, 367-373.
Porzana carolina, '40, 153-168.
Querquedula discors, '38, 565 (rev.).
Rallus limicola, '37, 464-475.
Scardafella inca, '34, 560 (rev.).
Seiurus aurocapillus, '31, 215-228, '38, 148-149 (rev.).

- Somateria dresseri*, '38, 388-400.
Sterna hirundo, '31, 17-21.
Thamnophilus punctatus, '34, 8-16.
Zonotrichia querula, '32, 166-183.
- Life Zones.**
 Anderson, R. M., '38, 568 (rev.).
 Booth, E. S., '39, 493 (rev.).
 Bowen, W. W., '32, 501 (rev.).
 Cowles, R. B., '37, 55-61.
 Dickey, D. R., and van Rossem, A. J., '38, 557-558 (rev.).
 Kendeigh, S. C., '33, 130-131 (rev.).
 Miller, A. H., '38, 576 (rev.).
 Murphy, R. C., '36, 234-235.
 Pickens, A. L., '34, 536-537.
 Rand, A. L., '37, 111 (rev.), 214-215 (rev.).
 Shaw, T. H., '38, 292 (rev.).
 Shelford, V. E., '33, 130-131 (rev.).
- ligea* (Sitta), see Sitta.
liliana (Agapornis), see Agapornis.
 — (Sturnella), see Sturnella.
- Lillie, Frank R.**
 The physiology of feather pattern (rev.), '33, 251.
- Lillie, F. R., and Juhn, Mary.**
 The origin of the after-feather in fowl (rev.), '37, 564.
- limarius* (Rallus), see *Hypotaenidia saturata*.
limatus (Ramphocelus), see *Ramphocelus*.
limicola (Rallus), see Rallus.
- Limicolae**, Afr. '39, 500; Helg. '36, 476.—
 fd. '36, 476; mig. '40, 15; misc. '36, 80, '37, 267, 445, '39, 495.
- limnaeus* (Seiurus), see Seiurus.
limnetis (Rallus), see Rallus.
- Limnodromus fasciatus**, Alas. '33, 459.
- griseus* (*Eastern Dowitcher, Dowitcher), *Antigua*, '34, 359; *Calif.* '40, 275a; *Conn.* '33, 444; *C. R.* '33, 299; *Ecuad.* '36, 172a; *Fla.* '32, 237a, '34, 98a; *Ia.* '35, 84a; *Kans.* '34, 81; *Labr.* '37, 25, '38, 304a; *Man.* '35, 203; *Mass.* '33, 367, '37, 537a; *Mich.* '34, 81; *N. B.* '35, 195; *N. J.* '31, 419a, 420, 422a, '32, 470-474; *O.* '31, 596a, '35, 81; *Okla.* '38, 503; *Pa.* '34, 230; *S. Am.* '36, 171a; *S. C.* '36, 329a; *Tex.* '38, 67 (subsp.?).
W. I. '34, 103; *W. Va.* '36, 97.—*dist.* '32, 26; *fd.* '34, 359, '37, 26; *hbt.* '31, 181-184a; *meas.* '32, 34, 35, '37, 25; *nomen.* '40, 78a, 81a; *paras.* '37, 41; *pl.* '32, 16, 18; *tax.* '32, 14-35, '33, 459; *wt.* '35, 203, 471a, '37, 25.
- hendersoni* (Inland Dowitcher, Alberta Dowitcher), *Alta.* '32, 22; *B. C.* '32, 22; *Calif.* '32, 22; *Man.* '32, 22; *N. C.* '37, 454; *Okla.* '38, 503; *Ont.* '32, 22; *Sask.* '32, 22; *S. C.* '32, 22, '36, 312; *Wisc.* '40, 424.—*descr.* '32, 22a; *dist.* '32, 26; *meas.* '32, 32, 33; *pl.* '32, 16, 18; *tax.* '32, 14-35, '33, 459, '38, 503; *misc.* '33, 383.
- scolopaceus* (*Long-billed Dowitcher, Dowitcher), *Ala.* '35, 463; *Alta.* '31, 263a; *Calif.* '40, 275a; *Colo.* '38, 555; *Fla.* '31, 247; *Kans.* '34, 81; *Mo.* '34, 81; *N. J.* '32, 470-474; *O.* '35, 81; *Okla.* '38, 503; *Va.* '33, 195; *Wash.* '38, 276a.—*dist.* '32, 25; *flight.* '33, 314a; *meas.* '32, 30, 31; *pl.* '32, 16, 18; *tax.* '32, 14-35, '33, 459; *young.* '40, 125a.
- semipalmatus*, *Sib.* '32, 390.
- Limnolophus swainsoni** (*Swainson's Warbler), *Fla.* '35, 463, '36, 478a; *N. C.* '35, 458a, 459; *Va.* '33, 197.—*egg.* '35, 459; *hbt.* '36, 478-479a; *nest.* '35, 459; *misc.* '38, 244a.
- Limosa baueri** (Pacific Godwit), *B. C.* '36, 80; *N. Z.* '36, 80.—*dist.* '36, 197; *meas.* '36, 197; *mig.* '36, 80; *plm.* '36, 195, 196; *tax.* '36, 367-368.
- fedoa* (*Marbled Godwit), *Colo.* '38, 555; *Fla.* '39, 76; *Ga.* '31, 281a; *Hond.* '36, 186, 189; *Ia.* '35, 84; *Me.* '35, 82; *Mass.* '32, 83; *Mex.* '35, 252; *N. J.* '36, 95; *N. Y.* '33, 446, '34, 398; *N. C.* '37, 455; *O.* '36, 211; *Ont.* '32, 468; *S. C.* '31, 261, 281a; *Wash.* '38, 276-277.—*colors.* '36, 189; *hbt.* '31, 183a, '32, 468; *mig.* '38, 276-277.
- foxi*, *Samoa*, '36, 368.—*nomen.* '36, 368.
- haemastica* (*Hudsonian Godwit), *Dom. Rep.* '31, 596; *Ia.* '35, 84; *Mass.* '36, 330; *N. J.* '32, 470-474a; *N. Y.* '33, 446, '34, 398; *N. Z.* '36, 80, 459a; *O.* '36, 211-212; *Wash.* '38, 276-277; *W. I.* '34, 233; *Wisc.* '34, 533, '35, 81, 102a.—*mig.* '36, 80, '38, 276-277; *wt.* '34, 533; *misc.* '37, 537a.
- islandica*, *dist.* '33, 203.
- lapponica* (*Bar-tailed Godwit), *Mass.* '37, 537-538; *N. Z.* '34, 490.—*dist.* '36, 194, 197, '37, 537; *meas.* '36, 197; *plm.* '36, 194, 196; *tax.* '36, 367a.
- limosa* (*Black-tailed Godwit), *G. Br.* '40, 129a.—*dist.* '33, 203.
- melanuroides*, *mig.* '36, 80.
- menzbieri*, *Sib.* '36, 195a.—*descr.*, *dist.*, *meas.*, '36, 195-197; *tax.* '36, 368.
- novae-zealandiae*, *N. Z.* '36, 368.—*nomen.* '36, 368.
- uropygialis*, *Australia*, '36, 368.—*nomen.* '36, 368.
- limosa* (Limosa), see Limosa.
Limpkin, see *Aramus pictus* and *A. scolopaceus*.
linaria (Acanthis), see Acanthis.
Lincoln, Frederick Charles.

- Some causes of mortality among birds, '31, 538-546.
- Status of the Arkansas kingbird (*Tyrannus verticalis*) in Maryland, '32, 88-90.
- The black duck in Oregon, '32, 344.
- Great blue heron in Cuba and Panama, '32, 457-458.
- Great blue heron in Cuba: a correction, '33, 206.
- Eastern mourning dove migrating to Cuba?, '33, 218.
- Western mourning dove in central Mexico, '33, 218-219.
- An influx of Leach's petrels, '34, 75.
- [Eleventh Annual Meeting of the Baird Ornithological Club], '34, 138-139.
- The migration of North American birds (rev.), '36, 243.
- The red-throated loon in Montana—a correction, '36, 320.
- Trans-Atlantic flight of gull-billed tern, '36, 331.
- Eastern mourning dove in Cuba, '37, 391.
- Parula warbler in Washington in December, '37, 395.
- The individual vs. the species in migration studies, '39, 250-254.
- Sora rail breeding in Virginia, '39, 331.
- The migration of American birds (rev.), '39, 488-489.
- Arizona hooded oriole in Kansas, '40, 420.
- Caspian tern in Haiti, '40, 569.
- An American Caspian tern in England, '40, 569.
- Lincoln, F. C., and Phillips, J. C.**
see Phillips and Lincoln.
- Lincoln, F. C., and Wetmore, A.**
see Wetmore and Lincoln.
- lincolni (*Melospiza*), see *Melospiza*.
- (*Passerella*), see *Melospiza*.
- Lind, Ralph.**
Audubon's shearwater ashore on Long Island, '39, 73.
- lindsayi (*Halcyon*), see *Halcyon*.
- Lindsey, Alton Anthony.**
Food of the starling in central New York State (rev.), '40, 128.
- Lindsey, A. A., and Siple, P. A.**
see Siple and Lindsey.
- lineata (*Excalfactoria*), see *Excalfactoria*.
- lineatus (*Buteo*), see *Buteo*.
- (*Ceophloeus*), see *Ceophloeus*.
- lineola (*Bolborhynchus*), see *Bolborhynchus*.
- (*Sporophila*), see *Sporophila*.
- lineolatus (*Bolborhynchus*), see *B. lineola*.
- lingulacus (*Lanius*), see *Lanius*.
- Linnæan Society of New York.**
Proceedings (rev.), '35, 111-112, 339, '36, 356.
- [Announcement of plans for extensive banding of herring gulls], '38, 160.
- [Account of founding], '40, 137-138.
- Linnet, California, see *Carpodacus frontalis*.
- European, see *Acanthis cannabina*.
- Linsdale, Jean Myron.**
Further facts concerning losses to wild animal life through pest control in California (rev.), '32, 386.
- The birds of Nevada (rev.), '36, 237-238.
- The natural history of the magpies (rev.), '38, 143.
- Geographic variation in some birds in Nevada (rev.), '38, 694.
- Observations on waterbirds in California (rev.), '38, 694.
- Bird life in Nevada with reference to modifications in structure and behavior (rev.), '39, 104.
- Linsdale, J. M., and Grinnell, J.**
see Grinnell and Linsdale.
- Linsdale, J. M., Grinnell, J., and Dixon, J.**
see Grinnell, Dixon and Linsdale.
- Linsdale, J. M., and Sumner, E. L., Sr.**
Variability in weight in the golden-crowned sparrow (rev.), '34, 551.
- Linura fischeri**, *hbt.* '38, 135.
- Linurgus rungwenensis**, *Tanganyika*, '32, 128.
- Liocichla**, '33, 254.
- Lioptila capistrata**, *hbt.* '38, 101.
- Lipaugus**, *Peru*, '37, 230.
- lisarum** (*Passer*), see *Passer*.
- litoricola** (*Sterna*), see *Sterna*.
- Little, Effie Kearney** (Mrs. Lewis Garrish Little), 1866-1935.
Obituary, '36, 69.
- Little, Elbert Luther, Jr., and Ortenburger, A. I.**
see Ortenburger and Little.
- Littlejohns, R. T.**
The magic voice. A story of the Australian lyre-bird (rev.), '34, 111-112.
- littoralis** (*Agelaius*), see *Agelaius*.
- (*Apaloderma*), see *Apaloderma*.
- (*Chordeiles*), see *Chordeiles*.
- (*Leucosticte*), see *Leucosticte*.
- (*Penthestes*), see *Penthestes*.
- (*Tanagra*), see *Tanagra*.
- (*Tchagra*), see *Tchagra*.
- (*Thryothorus*), see *T. ludovicianus*.
- livens** (*Larus*), see *Larus*.
- liventer** (*Butastur*), see *Butastur*.
- Livesey, T. R.**
The habits of vultures (rev.), '37, 564.

- The egg-laying of the Khasia Hills cuckoo (*Cuculus canorus bakeri* Hartert) (rev.), '38, 304.
- Egg stealing by Khasia Hills cuckoo (*Cuculus canorus bakeri* Hartert) (rev.), '39, 356.
- The nomenclature of birds (rev.), '40, 435.
- livia* (Columba), see Columba.
- livingstonii* (Tauraco), see Tauraco.
- (Turacus), see Tauraco.
- Lloyd, Bertram.**
- On the behaviour of male mallards with broods (rev.), '38, 150.
- Lloyd, Hoyes.**
- Twenty year old ferruginous rough-legged hawk (rev.), '38, 304.
- Banded kittiwake from Russia recovered in Newfoundland (rev.), '39, 357.
- lloydi* (*Psaltiriparus*), see *Psaltiriparus*.
- lobatus* (*Lobipes*), see *Lobipes*.
- (*Phalaropus*), see *Lobipes*.
- Lobiophasis bulweri**, *display*, '38, 573, 580.
- Lobipes lobatus** (*Northern Phalarope, Red-necked Phalarope, ^b*Phalaropus*), *Atlantic*, '32, 84; *Calif.* '38, 171^a; *Colo.* '38, 555; *Ga.* '34, 252, '39, 77-78; *Ill.* '33, 372; *Ia.* '35, 84; *Labr.* '37, 27; *Me.* '38, 551; *Man.* '35, 204; *Mass.* '34, 81, '39, 185; *Mich.* '38, 92-93; *N. J.* '32, 470-474^a, 475, '33, 100^a, 358; *N. Z.* '36, 459^a; *N. S.* '37, 27; *O.* '34, 82, '35, 322, '38, 91-93; *Ont.* '38, 92-93; *Pa.* '34, 74; *Shelland.* '31, 467^b, 636^b, '33, 203; *S. Am.* '40, 426^a; *S. C.* '33, 358, '34, 519; *Va.* '32, 474; *Wisc.* '31, 282.— *behav.* '40, 218^b; *fd.* '36, 288^a; *mig.* '39, 185; *wt.* '35, 204, 471^a; *wt. of egg*, '35, 204; *misc.* '36, 123^b, '40, 81^a.
- Loboparadisea aurora**, *N. Guinea*, '31, 157.
- Lockley, R. M.**
- Island days: a sequel to 'Dream Island' (rev.), '34, 550-551.
- Birds of the Green Belt (rev.), '36, 354.
- The breeding birds of the Westmann Islands (rev.), '37, 109.
- I know an island (rev.), '39, 485-486.
- Lockley, R. M., and Lack, D.**
- see Lack and Lockley.
- loculator* (*Tantalus*), see *Mycteria americana*.
- Locustella certhiola**, *misc.* '39, 204.
- luscinioides*, *life hist.* '40, 126.
- ochotensis*, *misc.* '39, 204.
- pleskei*, *tax.* '35, 219.
- sparsimstriata*, *Manchuria*, '35, 110.
- Loeppenthin, Bernt.**
- Birds of northeastern Greenland (rev.), '33, 135-136.
- Loetscher, Frederick W., Jr., and Arbib, R. S., Jr.**
- see Arbib and Loetscher.
- Loetscher, F. W., Jr., and Eliot, S. A., Jr.**
- see Eliot and Loetscher.
- Logier, E. B. S., and Snyder, L. L.**
- see Snyder and Logier.
- Log-runner, Spine-tailed, see *Orthonyx temmincki*.
- lomitensis* (*Thryothorus*), see *Thryothorus*.
- lomvia* (*Uria*), see *Uria*.
- Lonchura nevermanni**, *N. Guinea*, '34, 560.
- stygia*, *N. Guinea*, '34, 560.
- London Convention for the Protection of African Flora and Fauna.**
- [Account of meeting], '35, 473-474.
- Long, George Baker.**
- Dickcissel at Ipswich, Massachusetts, '37, 211.
- Long, Wilbur Stuart.**
- White-winged scoters in eastern Kansas, '33, 211.
- Notes from eastern Kansas, '33, 449-450.
- The dowitcher, a new bird for Kansas, '34, 81.
- The saw-whet owl in Oklahoma, '34, 236-237.
- Notes from eastern Kansas, '34, 255.
- The western pigeon hawk in Yucatan and Kansas, '34, 515-516.
- Notes on some rare birds in Douglas County, Kansas, '34, 534-535.
- American egret and Mississippi kite in Douglas County, Kansas, '35, 77.
- The Alaska yellow warbler in Kansas, '35, 314.
- Spring notes from Lawrence, Kansas, '35, 466.
- The Sonora yellow warbler in western Kansas, '36, 219-220.
- Additions to the list of the birds of Zion National Park, '36, 231-232.
- Unusual waterbirds in El Paso County, Colorado, '38, 555.
- Long-claw, see *Macronyx croceus*.
- longialis* (*Leucotreron*), see *Leucotreron*.
- longibaratus* (*Manacus*), see *Manacus*.
- longicauda* (*Bartramia*), see *Bartramia*.
- (*Icteria*), see *Icteria*.
- (*Psittacula*), see *Psittacula*.
- (*Toxostoma*), see *T. rufum*.
- longicaudatus* (*Dicrurus*), see *Dicrurus*.
- (*Mimus*), see *Mimus*.
- longicaudus* (*Stercorarius*), see *Stercorarius*.
- longicilla* (*Troglodytes*), see *Troglodytes*.

- longipennis (Cyornis), see Cyornis.
 — (Falco), see Falco.
 — (Macrodipteryx), see Macrodipteryx.
 — (Pitta), see Pitta.
 longipes (Haematopus), see Haematopus.
 — (Miro), see Miro.
 longirostris (Diomedea), see Diomedea.
 — (Pterodroma), see Pterodroma.
 — (Rallus), see Rallus.
 — (Thryophilus), see Thryophilus.
 longisignum (Geococcyx), see Geococcyx.
 Longspur, Alaska, see *Calcarius alascensis*.
 Chestnut-collared, see *Calcarius ornatus*.
 Lapland, see *Calcarius lapponicus*.
 McCown's, see *Rhynchophanes mccowni*.
 Smith's, see *Calcarius pictus*.
Longstreet, Rubert James.
 A five-year shore bird census at Daytona Beach, '34, 97-99.
 Notes from the Dry Tortugas, '36, 99-100.
Lönnerberg, Einar.
 A contribution to the bird fauna of southern Gobi (rev.), '31, 630.
 A remarkable gull from the Gobi Desert (rev.), '31, 630.
 [Notice of retirement as Director, Royal Museum of Natural History, Stockholm], '34, 138.
 Die kurzschnäbelige Saatgans, *Anser fabalis curtus* Lönnerb. (rev.), '37, 564.
 En intressant andbastard (rev.), '40, 591.
 lönnerbergi (Catharacta), see *Catharacta*.
Loomelania, tax. '34, 423.
 Loon, see *Gavia immer*.
 Black-throated, see *Gavia arctica*.
 Common, see *Gavia immer*.
 Green-throated, see *Gavia viridigularis*.
 Lesser, see *Gavia elasson*.
 Pacific, see *Gavia pacifica*.
 Red-throated, see *Gavia stellata*.
 Yellow-billed, see *Gavia adamsi*.
Lophobasileus meissneri, Tibet, '38, 580.
Lophoceros deckeni, Afr. '40, 318.—*fledg., incub.*, '40, 318.
 erythrorhynchus, Afr. '40, 313, 318.—*fledg., incub.*, '40, 318; *nid.*, '40, 313.
 leucomelas, SW. Afr. '38, 149.—*hbt.*, '33, 463, '38, 149; *nest.*, '38, 149.
 marjoriae, Kalahari, '36, 131.—*descr.*, '36, 131.
 melanoleucus, misc. '35, 219.
 monteiri, SW. Afr. '36, 131, '38, 149.—*hbt.*, '38, 149.

- nasutus* (Gray Hornbill), SW. Afr. '38, 149.—*hbt.*, '31, 313, '38, 149.
williaminae, Bechuanaland, '31, 305, '32, 376.
Lophodytes cucullatus (Hooded Merganser), Ark. '31, 236; Colo. '38, 555; Conn. '38, 123; Conn. Val. '32, 361; Ill. '35, 464; Me. '35, 316, '40, 246; Mass. '32, 233, 442-444, '33, 430, '34, 513, '36, 441; N. C. '36, 227; Pa. '35, 198, '36, 94; Wisc. '35, 101.—*egg*, '40, 56; *fd.*, '40, 246; *hbt.*, '33, 430, '36, 441; *hyb.*, '34, 545; *incub.*, '40, 56, 58; *voice*, '36, 441.
Lopholaimus antarcticus (Topknot Pigeon), misc. '36, 364.
Lophophanes kangrae, Himalayas, '33, 146.
Lophophorus lhuysii (Chinese Impeyan Pheasant), China, '37, 418.
Lophopsittacus mauritianus (Corbeau Indien), Mauritius, '38, 579.
Lophorina connectens, tax. '31, 157.
 niedda, tax. '31, 157.
 superba, tax. '31, 157.
Lophortyx achrustera (San Lucas Quail), L. Calif. '39, 68.
 californica (California Quail, California Valley Quail, *Callipepla*), Calif. '35, 428, '39, 68-69; N. Z. '34, 491; Ore. '39, 69.—*disease*, '37, 224, '38, 149; *dist.*, '35, 428; *eye*, '38, 242; *fd.*, '39, 484; *life hist.*, '36, 358-359; *tax.*, '34, 540; *wt.*, '38, 424, 432, 434; *misc.*, '38, 466.
 canfieldae, Calif. '39, 68-69.—*descr., dist.*, '39, 68.
 gambeli (Gambel's Quail), Ariz. '35, 117; Mex. '35, 252.—*life hist.*, '35, 117.
 orecta, Ore. '39, 69.
 pembertonii, Mex. '33, 143.
 plumbea (San Quintin Quail, *Callipepla*), tax. '34, 540.
Lophotrix, '38, 184.
 cristatus (Crested Owl), plm. '36, 56.
 wedeli, ear, '38, 186; plm. '37, 304.
 lophotes (Ocyphaps), see *Ocyphaps*.
Lophotis ruficrista, color pigment, '39, 109.
Lophotriccus, Peru, '40, 595.—*nomen.*, '37, 233.
Lophura, '37, 407.
 Lord, E. A. R.
 Notes on the dusky moorhen (rev.), '37, 110.
 lorealis (Arses), see *Arses*.
Lorenz, Konrad Z.
 The companion in the bird's world, '37, 245-273.
 lorenzi (Phylloscopus), see *Phylloscopus*.
 lorae (Casuarius), see *Casuarius*.
 — (Ptilorhoa), see *Ptilorhoa*.

- loricatus (Odontophorus), see Odontophorus.
- Loriidae**, *plm.* '37, 422.
- Loriinae**, *disease*, '40, 332.
- Lorius** (^bEclectus), *plm.* '37, 422^b.
- loratus** (^bEclectus), *anat.* '35, 330^b.
- lori (Coracias), see Coracias.
- Lory, Red, see Eos bornea.
- Tahiti Blue, see Coriphilus peruvianus.
- White-throated, see Coriphilus peruvianus.
- Lotus-bird, see Irediparra gallinacea and I. novaeollandiae.
- Louisiana.**
- Allen, R. P., '35, 78, 198-200.
- Arthur, C. S., '32, 370-371 (rev.).
- Bailey, A. M., '34, 383, 398-400.
- Cahalane, V. H., '40, 279-280.
- Campbell, J. S., '33, 441-442, '34, 88, 370-371.
- Chapman, F. M., '35, 418-420, '36, 405-416, 439-440, '40, 225-228.
- Ford, E. R., '36, 210.
- Holt, E. G., '33, 350-351, 351-352, 355, '35, 183.
- Lowery, G. H., Jr., '32, 463, '33, 226-227, '34, 92-93, 99, '38, 280, '40, 273 (rev.).
- McBride, J. M., '33, 107.
- McIlhenny, E. A., '32, 279-306, '33, 431-432, 439-440, '34, 328-337, 383-384, 543 (rev.), '35, 187, '36, 327-328, 338-339, 416-417, '37, 274-295, 384, 670, '39, 182-183, 472-474, '40, 85-93, 268 (rev.), 408-410.
- McIlhenny, E. A., and Osborn, Rosemary McL., '38, 521.
- Oberholser, H. C., '39, 91-92 (rev.).
- Tabor, Ava R., '40, 257.
- Tanner, J. T., '39, 90.
- Ward, W. B., '34, 236.
- Wright, E. G., and Bailey, A. M., '31, 123.
- louisianae (Thryothorus), see T. ludovicianus.
- Loukashkin**, A. S.
- On the avifauna of North Manchuria (rev.), '40, 128.
- Lourie, Purple-crested, see Gallirex porphyreolophus.
- Love-bird, see Agapornis cana.
- Loveridge**, Arthur.
- A curious clutch of robin's eggs, '39, 191.
- Loveridge**, A., and **Bangs**, O.
- see Bangs and Loveridge.
- Loveridge**, A., and **Peters**, J. L.
- see Peters and Loveridge.
- Low**, George Carmichael.
- The literature of the Charadriiformes from 1894-1928 with a classification

- of the Order, and lists of the genera, species and subspecies (rev.), '31, 627.
- The races of the ringed plover (rev.), '34, 557.
- [A cystic tumor in a European partridge] (rev.), '37, 414.
- The supposed races of the grey- or black-bellied plover (Squatarola squatarola) (rev.), '38, 576.
- [Pheasants and partridge showing perversion of plumage] (rev.), '38, 694.
- A hybrid gadwall and widgeon (rev.), '40, 591.
- Lowan, see Leipoa ocellata.
- Lowe**, Percy Roycroft.
- On the anatomy of Pseudocalymptomena and the occurrence of broadbills (Eurylaemidae) in Africa (rev.), '31, 631-632.
- Anatomical review of the waders (rev.), '32, 136.
- Struthious remains from China and Mongolia (rev.), '32, 382.
- On the primitive characters of the penguins, and their bearing on the phylogeny of birds (rev.), '34, 110.
- On the evidence of the existence of two species of steamer duck (rev.), '34, 555.
- On the relationship of the Struthionies to the Dinosaurs and to the rest of the avian class with special reference to the position of Archaeopteryx (rev.), '35, 347.
- Some anatomical and other notes on the systematic position of the genus Picathartes, together with some remarks on the families Sturnidae and Eulabetidae (rev.), '38, 694.
- Some anatomical notes on the genus Pseudochelidon Hartlaub with reference to its taxonomic position (rev.), '39, 105.
- On the systematic position of the swifts (suborder Cypseli) and hummingbirds (suborder Trochili), with special reference to their relation to the order Passeriformes (rev.), '39, 357.
- Some additional notes on Miocene penguins in relation to their origin and systematics (rev.), '39, 497.
- Lowe**, P. R., and **Kinnear**, N. B.
- Birds. British antarctic ("Terra Nova") expedition, 1910 (rev.), '31, 141-142.
- The finches of the Galapagos in relation to Darwin's conception of species (rev.), '36, 362.
- Lowe**, Willoughby Prescott.

- The trail that is always new (rev.), '33, 131-132.
 Can gulls dive? (rev.), '37, 414.
 Report on the Lowe-Waldron expeditions to the Ashanti forests and northern territories of the Gold Coast (rev.), '37, 564-565.
 The bird collections in the Royal Albert Memorial Museum, Exeter (rev.), '39, 204.
 How do large raptorial birds hunt their prey? (rev.), '40, 591.
- Lower California.**
 Benchley, Belle J., '32, 77.
 Huey, L. M., '31, 429-430, '38, 693 (rev.).
 Moore, R. T., and Peters, J. L., '39, 39-40, 42.
 Van Rossem, A. J., '32, 482.
- Lowery, George Hines, Jr.**
 Birds of north Louisiana (rev.), '32, 256.
 A new hawk for the Louisiana list, '32, 463.
 Lapland longspur: an addition to the Louisiana list, '33, 226-227.
 The Alabama towhee, an addition to the Louisiana list, '34, 92-93.
 Additional notes on the birds of Louisiana, '34, 99.
 The ivory-billed woodpecker in Louisiana (rev.), '35, 479.
 Hummingbird in a pigeon hawk's stomach, '38, 280.
 A new grackle of the Cassidix mexicanus group (rev.), '38, 694.
 Geographical variation in the Carolina wren, '40, 95-104.
 Vaux swift in Louisiana (rev.), '40, 273.
- Lowery, G. H., Jr., and Burleigh, T. D.**
 see Burleigh and Lowery.
 lowi (Collocalia), see Collocalia.
 — (Jacana), see Jacana.
- Lownes, Albert Edgar.**
 Notes on Audubon's Ornithological Biography, '35, 103-104.
 Ten Audubon letters, '35, 154-168.
 A collection of seventeenth-century drawings, '40, 532-535.
- Lowther, Ernest Herbert Newton.**
 Notes on some Indian birds (rev.), '37, 415, '38, 304, '39, 357.
- Loxia, hbt.** '40, 177.
 bangsi, Szechwan, '37, 411.
 bendirei (Bendire's Crossbill, ^bcurvirostra), Kans. '35, 193; Nev. '35, 468^b; Wyo. '34, 256.—dist. '37, 411; mig. '34, 256.
 benti, dist. '37, 411.
 bifasciata, China, '39, 359.
 curvirostra (^aCrossbill), Greenl. '37, 410; Italy, '32, 255^a; Palestine, '32, 265.—dist. '37, 411.
 curvirostra subsp., N. C. '40, 421; Tenn. '38, 675, '40, 421.—behav. '38, 675.
 grinnelli, Ariz. '39, 325; Calif. '37, 411.
 leucoptera (^aWhite-winged Crossbill), Alas. '28, 556; Baf. I. '36, 91; Ga. '38, 244^a; Magdalen Is. '38, 690^a; Me. '38, 552; Mich. '34, 23; N. D. '38, 554; Va. '33, 192^a, 198; Wisc. '31, 283.—misc. '37, 410-411^a.
 mariae, Russ. '32, 512.
 mesamericana, Hond., Nic., '37, 411.
 neogaea, W. Va. '40, 576-577.—dist. '37, 411; meas. '40, 576; nomen. '37, 411; misc. '40, 421.
 perna (Newfoundland Crossbill, ^bpusilla), Mass. '32, 358; Va. '33, 198.—meas. '32, 358; nomen. '34, 549^b, '37, 410-411^b; wt. '32, 358.
 poliogyna (^aNorth African Crossbill, Algerian Crossbill), Algeria, '39, 207^a.—misc. '35, 486.
 prezewalskii, Russ. '32, 512.
 pusilla (^aRed Crossbill, American Crossbill, ^bCrucirostra, ^cminor), Ill. '34, 101; Kans. '32, 489-490; Me. '38, 552; Mass. '32, 159-165^c; N. Y. '39, 2^a; Ont. '38, 49; W. Va. '40, 576.—cowbird host, '38, 46, 49; hbt. '32, 159-165^c; nomen. '34, 549^{bc}, '37, 410-411^a.
 sitkensis (Sitka Crossbill, ^bminor), dist. '37, 411^b; nomen. '37, 410.
 stricklandi (^aMexican Crossbill, ^bcurvirostra), Ariz. '38, 298, 299^a; Mex. '37, 411, '40, 235^b, 242.—misc. '38, 171^a.
- Loxigilla coryi** (Lesser Antillean Bullfinch), Montserrat, '39, 194-195.—dist. '39, 194-195; meas. '39, 195.
 dominicana (^bdesiradensis), Desirade I. '38, 691^b.—dist. '39, 195; syn. '39, 194-195.
 noctis, races, '38, 691, '39, 194-195.
 parishii, Haiti, '31, 308.
 ridgwayi (Antigua Bullfinch, ^bchazaliei), Antigua, '34, 364.—dist. '39, 195; nid. '34, 364; nomen. '36, 221, 221^b, '39, 195.
 lozanoi (Gallinula), see Gallinula.
 luciae (Agyrtria), see Agyrtria.
 luciana (Turnix), see Turnix.
 luciani (Ramphocelus), see Ramphocelus.
 lucida (Cyanocompsa), see Cyanocompsa.
 — (Gallinula), see Gallinula.
 — (Poliopitila), see P. melanura.
 lucidus (Chalcites), see Chalcites.

- (Lamprococcyx), see Lamprococcyx.
 luctisonus (Otus), see Otus.
Lüders, Otto.
 Ueber Ortsbewegungen des Waldkauzes (*Strix a. aluco*) (rev.), '38, 150-151.
Ludlow, Frank.
 The birds of Bhutan and adjacent territories of Sikkim and Tibet (rev.), part 1, '37, 415; parts 2 and 3, '37, 565.
 ludlowi (*Fulvetta*), see *Fulvetta*.
 — (Phylloscopus), see *Phylloscopus*.
 ludoviciana (*Piranga*), see *Piranga*.
 — (Zamelodia), see *Hedymeles*.
 ludovicianus (*Conuropsis*), see *Conuropsis*.
 — (Hedymeles), see *Hedymeles*.
 — (Lanius), see *Lanius*.
 — (Sylvia), see *Thryothorus*.
 — (Thryothorus), see *Thryothorus*.
 lugens (*Saxicola*), see *Saxicola*.
 lugubris (*Holotris*), see *Holotris*.
 — (Motacilla), see *Motacilla*.
 — (Phalacrocorax), see *Phalacrocorax*.
 — (Stephanibyx), see *Stephanibyx*.
Lullula arborea, *hbt.* '40, 176.
Lumley, Ellsworth Duganne.
 The "phoebe" call of the chickadee, '34, 239-240.
 'The shortage of waterfowl' and 'Hawks' (rev.), '34, 415-416.
 The two eagles of North America (rev.), '40, 129.
 Shortage of waterfowl (rev.), '40, 435.
 lumsdeni (*Babax*), see *Babax*.
Lunda cirrhata (*Tufted Puffin), *Ore.* '33, 216^a.—*eye*, '38, 243^a; *misc.* '37, 418^a, '39, 152.
 lunifrons (*Petrochelidon*), see *P. albifrons*.
Lunk, William Allan, and Brooks, M.
 Red crossbill in the West Virginia mountains, '40, 576-577.
Lurocalis noctivagus, *Pan.* '36, 470.
Luscinia beicki, *China*, '37, 569.
 calliope (*East Siberian Ruby-throat), *avic.* '37, 418^a.
 grotei, *Russ.* '32, 512.
 luscinia, *hbt.* '39, 499.
 megarhyncha (*Nightingale), *G. Br.* '39, 196^a.—*hbt.* '40, 256^a; *misc.* '39, 256^a.
 namnetum, *Fr.* '34, 556.
 luscinia (*Luscinia*), see *Luscinia*.
Luscinola melanopogon, *Hungary*, '40, 271.
 luscinioides (*Locustella*), see *Locustella*.
 lutea (*Leiothrix*), see *Leiothrix*.
 luteiventris (*Myiodynastes*), see *Myiodynastes*.
 luteiventris (*Tribura*), see *Tribura*.
 lutescens (*Forpus*), see *Forpus*.
 — (Vermivora), see *Vermivora*.
 lutetiae (*Helianthea*), see *Helianthea*.
 luteus (*Colaptes*), see *Colaptes*.
 lutosus (*Polyborus*), see *Polyborus*.
 luxuosa (*Xanthoura*), see *Xanthoura*.
 lyardi (*Cryptorornis*), see *Cryptorornis*.
Lybius, mutation, '40, 121.
 chaplini (Chaplin's Barbet), *misc.* '32, 388.
 didymus, *tax.* '38, 692.
 ugandae, *tax.* '38, 692.
 undatus, *Afr.* '38, 694.—*rac.*, '38, 694.
Lycocorax pyrrhopterus (Paradise-crow), *egg*, '31, 312.
 lydekkeri (*Aquila*), see *Protostrix*.
 — (Protostrix), see *Protostrix*.
Lyle, Robert Barton.
 Black vulture nesting in Washington Co., Tenn. '31, 598.
Lymnocyrtus minimus (*European Jack Snipe), *fd.* '37, 218^a.
Lynch, John Joseph.
 European widgeon at Newport, R. I., '35, 78.
 Marine algae in food of Rhode Island waterfowl, '39, 374-380.
Lyncornis, see *Eurostopodus*.
Lynes, Hubert.
 Review of the genus *Cisticola* (rev.), '31, 291-293.
 Birds of the Ubena-Uhehe highlands and Iringa uplands (rev.), '34, 264-265.
 lynesii (*Batis*), see *Batis*.
 — (Francolinus), see *Francolinus*.
 — (Mirafra), see *Mirafra*.
Lyon, William Isaac, 1874-1938.
 Obituary, '39, 122, 210-211.
 Lyre-bird, see *Menura*.
 Australian, see *Menura novae-hollandiae*.
Lyrurus tetricus (*Black-cock), *display*, '39, 356; *hbt.* '37, 220, '39, 265^a; *paras.* '37, 505; *syst.* '32, 514^a; *misc.* '36, 247^a, 356, 474^a.
 Lysiuurus, *tax.* '37, 212.

M

- Macabra, tax., type**, '38, 181, 183.
 macabrum (*Syrnium*), see *Otus albogularis*.
MacAloney, Harvey John.
 The white-pine weevil (rev.), '32, 379.
 macao (*Ara*), see *Ara*.
 Macaw, Cuban, see *Ara tricolor*.

Guadeloupe, see *Ara guadeloupensis*.
macconnelli (Ciccaba), see Ciccaba.
maccommicki (Catharacta), see Catharacta.

MacCracken, Walter Harrington, 1870-1940.

Obituary, '40, 446.

MacDonald, James David.

Systematic notes on some African barbets (rev.), '38, 694.

A new race of scrub warbler from the southern Sudan and of a babbler from western Abyssinia (rev.), '40, 273.

A new race of francolin and a new race of lark from the Sudan (rev.), '40, 435.

Unusual occurrence of melanism in a Somaliland roller (rev.), '40, 435.

Notes on African birds (rev.), '40, 435, 591.

A new race of orange thrush from the Sudan (rev.), '40, 591.

macfarlanei (Otus), see Otus.

macgillivrayi (Ammospiza), see *Ammospiza*.

— (*Thryospiza*), see *Ammospiza*.

MacGillivray, William David Kerr, 1867-1933.

Obituary, '34, 69, 563-564.

macgillivrayi (Barnardius), see *Platycercus*.

— (*Platycercus*), see *Platycercus*.

— (*Thalassidroma*), see *Thalassidroma*.

Macgregoria, *N. Guinea*, '40, 593.—*hbt.* '40, 593.

Machaerhamphus anderssoni, *anat.* '35, 330.

Machaeropterus pallidiceps, *Peru*, '37, 230.

Machetornis rixosa (Short-winged Tyrant), *Argent., Parag.*, '31, 55.—*hbt.* '31, 55.

Mack, George.

A systematic revision of the Australian thornbills (rev.), '37, 415.

Mackay, George Henry.

[Notice of his ninetieth birthday], '34, 138.

Mackenzie.

Du Mont, P. A., '33, 432-433.

mackenziei (Emberiza), see *Emberiza*.

Mackworth-Praed, Cyril Winthrop, and Grant, C. H. B.

Systematic notes on East African birds (rev.), '37, 409, 415, '38, 302, 694, '39, 204, 355, 495, 497, '40, 432, 435, 589, 591.

[Three notes on *Caprimulgidae* of Africa] (rev.), '38, 302.

(1) On the type locality of *Cypselus barbatus* (*Micropus apus barbatus*);

(2) On some East African swifts (rev.), '38, 571.

[On the status of *Viridibucco simplex* and *V. leucomystax*] (rev.), '38, 692.

[On the status of African birds] (rev.), '38, 692, '39, 102, 105.

Two new races of larks from Africa (rev.), '40, 127.

A new race of brown babbler and a new race of bulbul from eastern Africa (rev.), '40, 432.

A new genus of African swamp warbler (rev.), '40, 589.

New races of flycatchers from eastern Africa (rev.), '40, 589.

MacLachy, A. R.

Contribution à l'étude des oiseaux du Gabon méridional (régions du Fernan-Vaz et de la N'Gounié) (rev.), '37, 110.

macmillani (*Zosterops*), see *Zosterops*.

MacNelle, Marion Conklin.

Anhinga nesting in North Carolina, '32, 213.

macphersoni (*Apalis*), see *Apalis*.

MacReynolds, George.

The birds of Bucks County, Pennsylvania, with annotations (rev.), '38, 304.

Macrocephalon maleo (*Maleo, ^bMega-cephalon), *misc.* '31, 158^{ab}.

macrocerus (*Dicrurus*), see *Dicrurus*.

— (*Eupetes*), see *Eupetes*.

Macrochires, *Germ.* '39, 345.

Macrodipteryx longipennis (*Pennant-winged Night-jar), *Afr.* '37, 412^a, '40, 260^a.—*plm.* '37, 412^a.

macromystax (*Caprimulgus*), see *Antrostomus setosus*.

Macronectes giganteus (*Giant Fulmar, Giant Petrel), *Antarctica*, '37, 151-152; *N. Z.* '34, 489; *S. Orkneys*, '38, 460^a.—*behav.* '40, 277^a; *dichro.* '37, 151; *plm.* '38, 460^a; *misc.* '31, 106^a, '37, 148.

Macronus sordidus, *Billiton I.* '38, 570.

Macronyx croceus (*Long-claw, Cut-throat Lark), *Rhodesia*, '36, 106^a.—*hbt.* '36, 106^a.

macropterus (*Spinus*), see *Spinus*.

macropus (*Phalacrocorax*), see *Phalacrocorax*.

Macrorhamphus, *wt.* '38, 433.

Macromis, *tax.* '34, 261.

Macrosphenus pulitzeri, *Angola*, '32, 253.

macroura (*Dendrortyx*), see *Dendrortyx*.

— (*Eupetomena*), see *Eupetomena*.

— (*Piaya*), see *Piaya*.

— (*Vidua*), see *Vidua*.

— (*Zenaidura*), see *Zenaidura*.

- macrurus (Caprimulgus), see Caprimulgus.
 — (Circus), see Circus.
 macularia (Actitis), see Actitis.
 maculata (Chlamydera), see Chlamydera.
 — (Pisobia), see *P. melanotos*.
 maculatus (Butorides), see Butorides.
 — (Hedymeles), see Hedymeles.
 — (Myiodynastes), see Myiodynastes.
 — (Oriolus), see Oriolus.
 — (Pipilo), see Pipilo.
 — (Rhinoptynx), see Rhinoptynx.
 — (Turnix), see *T. blanfordi*.
 maculipectus (Pheugopedius), see Pheugopedius.
 maculosa (Anas), see Anas.
Madagascar.
 Rand, A. L., '37, 214–216 (rev.).
 Salomonsen, F., '34, 423 (rev.).
 Stresemann, E., '38, 156 (rev.).
 madagascariensis (Accipiter), see Accipiter.
 — (Conurus), see Agapornis cana.
 — (Querquedula), see Nettion punctata.
 madeira (Pterodroma), see Pterodroma.
Madison, Harold Lester.
 [Appointed Director of Cleveland Museum of Natural History], '31, 331.
 madoci (Monticola), see Monticola.
Madon, Paul.
 Les Rapaces d'Europe, leur régime, leur relations avec l'agriculture et la chasse (rev.), '34, 258–261.
Magdalen Islands.
 Bond, J., '37, 102, '38, 690 (rev.).
 Harrison, B. G., '40, 589 (rev.).
 Young, C. J., '31, 240–245.
Magee, Michael Jarden.
 A gyrfalcon (*Falco rusticolus candicans*) at Sault Ste. Marie, Michigan, '32, 216–217.
 Juvenal eastern evening grosbeaks (*Hesperiphona v. vespertina*) at Sault Ste. Marie, Michigan, '34, 386–388.
 magicus (Cynanthus), see Cynanthus.
 magister (Myiarchus), see Myiarchus.
 magna (Aracnothera), see Aracnothera.
 — (Paranyroca), see Paranyroca.
 — (Polioptila), see *P. bilineata*.
 — (Sturnella), see Sturnella.
 magnificens (Fregata), see Fregata.
 magnificus (Diphyllodes), see Diphyllodes.
 magnirostris (Gerygone), see Gerygone.
 — (Ramphocelus), see Ramphocelus.
 — (Richmondia), see Richmondia.
 — (Sericornis), see Sericornis.
 magnolia (Dendroica), see Dendroica.
 magnum (Malacopteron), see Malacopteron.
 Magpie, see *Pica pica*.
 American, see *Pica hudsonia*.
 Black-billed, see *Pica hudsonia*.
 Caucasian, see *Pica bactriana*.
 Yellow-billed, see *Pica nuttalli*.
 Magpie-lark, see *Grallina cyanoleuca*.
Mailliard, John Ward, 1862–1936.
 Obituary, '37, 125.
Mailliard, Joseph.
 Handbook of the birds of Golden Gate Park, San Francisco (rev.), '31, 302.
 Birds and mammals from the Kootenay Valley, southeastern British Columbia (rev.), '32, 257.
 In memoriam: Harry Schelwald Swarth, 1878–1935, '37, 127–134.
 Hybridism between myrtle and Audubon warblers (rev.), '38, 304.
Main, John Smith.
 Migration dates of yellow-legs and others, '32, 82–83.
 Shore birds at Madison, Wisconsin, '35, 323.
 Red phalarope (*Phalaropus fulicarius*) at Madison, Wisconsin, '36, 212.
 Lapland longspur in Wisconsin in summer, '37, 546.
 Relation of temperature to early migration (rev.), '39, 357.
 White-fronted goose at Madison, Wisconsin, '39, 471.
 Notes from Wisconsin, '40, 424–425.
Maine.
 Bagg, A. C., '39, 190.
 Barker, B. W., '39, 200 (rev.).
 Beaton, R., '40, 418.
 Bode, I. T., '40, 420.
 Bond, J., '35, 95–96, '37, 102–103, 306–308.
 Brewster, W., '38, 144 (rev.).
 Chamberlain, G. D., '35, 316–317.
 Christy, B. H., '33, 125.
 Cruickshank, A. D., '38, 550–552.
 Deane, R., '31, 422–423.
 Forster, Alma, '36, 88–89.
 Griscom, L., '38, 566–567 (rev.).
 Gross, A. O., '31, 511, '37, 382, 396–397.
 Gross, W. A. O., '35, 382–399.
 Hillcourt, W., '40, 433 (rev.).
 Jackson, C. F., and Allan, P. F., '32, 349–350.
 Kuschke, A. W., Jr., '37, 208.
 Marden, A., '33, 125.
 McClanahan, R. C., '40, 577.
 Mendall, H. L., '35, 192–193, 337–338, '36, 202–203, '37, 382, 429–439, '38, 401–404, '40, 274 (rev.).
 Mendall, H. L., and Gashwiler, J. S., '40, 245–246.

- Murphy, R. C., and Vogt, W., '33, 326.
 Nichols, C. K., and Nichols, M. M., '35, 81-82.
 Norton, A. H., '33, 112-113, 220, 353-354, 354, '34, 507-508, '35, 304-305, '36, 74.
 Norton, A. H., and Allen, R. P., '31, 589-592, '32, 340-341.
 Perkins, Anne E., '35, 460.
 Pettingill, O. S., Jr., '39, 420-428.
 Phillips, J. C., '32, 466-467.
 Reif, C., '38, 697 (rev.).
 Shelley, L. O., '32, 476, '34, 83.
 Sullivan, M., '40, 403, 575.
 Swanson, G., '37, 382-383.
 Wright, P. L., '37, 547.
 maingayi (Strix), see Strix.
 major (Alcippe), see Alcippe.
 — (Brachypodius), see B. cinereoven-tris.
 — (Carduelis), see Carduelis.
 — (Cassidix), see Cassidix.
 — (Crotophaga), see Crotophaga.
 — (Cypseloides), see Cypseloides.
 — (Dendrocopus), see Dendrocopus.
 — (Dryobates), see Dryobates.
 — (Emberiza), see E. cognominata.
 — (Eurypyga), see Eurypyga.
 — (Larus), see L. kamtschatschensis.
 — (Megaquiscalus), see Cassidix.
 — (Mergus), see Mergus.
 — (Parus), see Parus.
 — (Phoenicopterus), see P. roseus.
 — (Polihierax), see Polihierax.
 — (Rostrhamus), see Rostrhamus.
 — (Tapera), see Tapera.
 — (Taraba), see Taraba.
 majoriae (Micropus), see Micropus.
 majusculus (Elanus), see Elanus.
Makatsch, Wolfgang.
 Der Brutparasitismus der Kuckucks-vögel, mit besonderer Berücksich-tigung von Cuculus canorus canorus L. (rev.), '38, 138-139.
 malabaricus (Pyrotrogon), see Pyrotro-gon.
 malaccensis (Passer), see Passer.
Malacolestes, tax. '33, 380.
Malaconotus gabonensis, misc. '36, 248.
Malacopteron magnum, tax. '33, 364.
 saba, Borneo, '31, 459.
Malacoptila, tax. '32, 133.
 panamensis (Panama Malacoptila), Pan. '35, 327.
 Malacoptila, Panama, see Malacoptila panamensis.
 malacorhynchus (Hymenolaimus), see Hymenolaimus.
Malacornis, tax. '33, 364.
Malacothraupis, tax. '35, 213.
Malaya.
 Bartels, M., Jr., '38, 689 (rev.).
 Chasen, F. N., '38, 570 (rev.), '39, 486-487 (rev.), '40, 588 (rev.).
 De Schauensee, R. M., '40, 83-84.
 Hachisuka, Marquess, '40, 433 (rev.).
 Hoogerwerf, A., '40, 272 (rev.).
 Neumann, O., '39, 498 (rev.).
 Peters, J. L., '40, 94.
 Riley, J. H., '39, 345 (rev.).
 Robinson, H. C., and Chasen, F. N., '36, 464 (rev.).
 Stresemann, E., '32, 506 (rev.), '39, 108 (rev.).
 malayensis (Anthus), see Anthus.
 — (Otus), see Otus.
 maldivarum (Glareola), see Glareola.
 Maleo, see Macrocephalon maleo.
 maleo (Macrocephalon), see Macrocephalon.
 — (Megacephalon), see Macrocephalon.
 malindangensis (Pseudotharrhaleus), see Pseudotharrhaleus.
 Mallard, see Anas platyrhynchos.
 Domestic, see Anas domesticus.
 Mallee-fowl, see Leipoa ocellata.
Mallorca.
 Lentz, Dr., '37, 223 (rev.).
 maltha (Ciconia), see Ciconia.
Malurus aridus, Australia, '35, 342.
 caeruleus, Australia, '35, 342.
 clarus, Australia, '35, 342.
 elegant (*Red-winged Wren), misc. '39, 501.
 lamberti (*Variegated Wren), behav. '40, 277.
 melanocephalus (*Red-backed Wren), hbt. '33, 393.
Manacus flaviventris, Pan. '38, 144.
 gutturatus, Braz. '33, 324.
 longibarbatus, Braz. '37, 230.
 vitellinus (*Gould's Manakin), Pan. '35, 327, '36, 111-112, '39, 95.—
 courtship, '33, 139, '36, 111-112, '39, 271; hbt. '39, 267, 270*, '40, 176.
 Manakin, Gould's, see Manacus vitelli-nus.
 manami (Centropus), see Centropus.
Manchuria.
 Hachisuka, Marquess, and Taka-Tsukasa, Prince, '39, 495 (rev.).
 Loukashkin, A. S., '40, 128 (rev.).
 Meise, W., '35, 110 (rev.).
 Yamashina, Marquis, '40, 133 (rev.) 440 (rev.).
 mandarinus (Pericrocotus), see P. grisei-gularis.
 mandti (Cepphus), see Cepphus.
 manglecola (Rallus), see Rallus.
Manigault, Edward.

- Second occurrence of the snow bunting in South Carolina, '31, 275-276.
- manillensis* (Caprimulgus), see Caprimulgus.
- (Psittacula), see Psittacula.
- manimbe* (Ammodramus), see *Myospiza meridiana*.
- Manitoba.**
- Aldous, C. M., '37, 393-394.
- Baumgartner, F. M., '36, 224, '38, 603-612.
- Durant, P. W., '40, 431 (rev.).
- Farley, F. L., '37, 574, '39, 202 (rev.), 494 (rev.), '40, 432 (rev.).
- Fuller, A. B., '38, 670-671.
- Gresham, A. B., '40, 432 (rev.).
- Gross, A. O., '31, 511.
- Harris, R. D., '33, 108-109.
- Heydweiller, Amelia M., '35, 203-204.
- Lewis, H. F., '31, 209.
- Semple, J. B., and Sutton, G. M., '32, 166-183.
- Shortt, T. M., and Waller, S., '38, 308 (rev.).
- Soper, G. D., '40, 438 (rev.).
- Sutton, G. M., '32, 366-367.
- Taverner, P. A., and Sutton, G. M., '34, 544-545 (rev.).
- Twomey, A. C., '34, 291-296.
- Man-o'-war-bird, see *Fregata magnificens*.
- mantelli* (Apteryx), see Apteryx.
- Manucodia ater*, *hbt.* '38, 697.
- Manuel**, Canuto Guevarra.
- Bird predators of common tern, '31, 592.
- Observations on the Philippine weaver, *Munia jagori* Martens (rev.), '35, 116-117.
- Review of Philippine pigeons, I (rev.), '36, 469.
- New Philippine fruit pigeons (rev.), '36, 469.
- Life history and economic importance of Cabanis's weaver (rev.), '37, 110.
- Beneficial swiftlet and edible birds' nest industry in Bacuit, Palawan (rev.), '38, 304-305.
- maoriana* (Pealeornis), see *Pealeornis*.
- Maps.**
- Southampton Island, Hudson Bay, '31, 337.
- Distribution of Vireo chivi and its allies, '31, 409.
- Snowy owl records for Canada, 1930-1931, '31, 502.
- Snowy owl records for Ohio, 1930-1931, '31, 506.
- Snowy owl records for New England, 1930-1931, '31, 509.

- Habitat of *Pseudocalyptomena graueri*, '33, 24.
- North America, showing travels of birds banded in Louisiana, '34, 330.
- Wisconsin, showing distribution of Brewer's blackbird, '34, 483.
- Cape May Peninsula, '36, 396, 398.
- Breeding ranges of forms of *Quiscalus* in the United States, '36, 411.
- Autumnal migration of American brant, '37, 87.
- Part of Gulf of St. Lawrence, '37, 90.
- Western part of Lake Erie and adjacent region, '39, 14.
- Distribution of *Quiscalus* in Mississippi, '39, 29.
- Ruthven area, Iowa, '39, 33.
- Bay of Fundy, '40, 62.
- Eastern Asia, '40, 551.
- maracana* (Ara), see Ara.
- maranonica* (Merula), see *Turdus*.
- (*Turdus*), see *Turdus*.
- Marble**, Richard Merrill.
- Yellow-billed tropic-bird in Vermont, '39, 176.
- Marchlewski**, J.
- Guinea-fowl and common fowl hybrids obtained by means of artificial insemination (rev.), '38, 305.
- Marden**, Aaron.
- Bird actions during the total eclipse of the sun, August 31, 1932, '33, 125.
- Mareca americana** (^aBaldpate, Widgeon), *Antigua*, '39, 305; *Ark.* '36, 455; *Calif.* '38, 581^a; *Conn.* '34, 511; *Conn. Val.* '32, 361; *Ky.* '39, 471^a; *Labr.* '37, 17; *La.* '34, 328^a; *Mass.* '32, 441-444^a, '34, 511, '39, 136^a; *Mex.* '35, 424^a; *Minn.* '38, 563^a; *N. H.* '31, 615; *N. C.* '36, 227, '37, 548^a; *Pa.* '34, 368^a, '35, 198, '39, 577^a; *R. I.* '39, 374-379; *S. Am.* '40, 426^a; *Venez.* '35, 329; *W. Va.* '38, 128, 130; *Wisc.* '35, 101^a.—*band.* '34, 328^a; *egg.* '40, 56^a; *eye.* '38, 230^a, 242^a; *fd.* '39, 374-376; *incub.* '40, 56^a; *wt.* '31, 572; *misc.* '39, 287^a, '40, 77^a.
- penelope** (^aEuropean Widgeon, ^bAnas), *B. C.* '39, 147; *D. C.* '39, 147; *Fla.* '37, 532; *Ga.* '31, 256; *Ice.* '39, 253^a; *Ill.* '35, 101; *Ky.* '39, 471; *Me.* '33, 354; *Md.* '39, 147; *Mass.* '32, 441-444^a, '34, 511, '39, 146, 147; *Mich.* '39, 147; *N. J.* '32, 461^a; *N. Y.* '34, 248, 392; *N. C.* '37, 548, '38, 131, '39, 147; *O.* '39, 147; *Pa.* '40, 577; *Que.* '39, 147; *R. I.* '35, 78; *Scotl.* '39, 147; *Switz.* '35, 350^b; *Va.* '39, 147; *Wash.* '39, 147; *Wisc.* '35, 101^a.—*egg.* '40, 56^a; *fd.* '39, 146-149; *hyb.* '40, 591^a; *incub.* '40, 56^a, 58^a; *mig.* '39, 253^a; *note.* '40, 577; *misc.* '39, 286^a.

- sibilatrix* (Chiloë Widgeon), *plm.* '38, 273.
- Marrelli, Carlos A.**
Bibliography of Argentine ornithology (rev.), '35, 112.
- margarethae* (Atthis), see Atthis.
- margaritacea* (Leucosticte), see Leucosticte.
- margaritaceiventer* (Euscarthmornis), see Euscarthmornis.
- margaritae* (Ateleodacnis), see Ateleodacnis.
- (Batis), see Batis.
- (Lampornis), see Lampornis.
- (Otus), see Otus.
- margaritatus* (Trachyphonus), see Trachyphonus.
- margaritensis* (Aratinga), see Aratinga.
- Margarops fuscatus** (Pearly-eyed Thrasher), *Antigua*, '34, 363.—*fd.* '34, 363.
- Margarornis perlata**, *Ecuad.* '34, 151.
- marginalis* (Columba), see Columba.
- (Porzana), see Porzana.
- marginatus* (Accipiter), see Astur.
- (Astur), see Astur.
- marginella* (Zenaidura), see Zenaidura.
- Margolin, Abe.**
see Haller, Handlan, Margolin and Brooks.
- mariae* (Loxia), see Loxia.
- marila* (Marila), see Nyroca.
- (Nyroca), see Nyroca.
- marina* (Pelagodroma), see Pelagodroma.
- marinae* (Myiagra), see Myiagra.
- marinavis* (Oligocorax), see Oligocorax.
- (Phalacrocorax), see Oligocorax.
- marinus* (Larus), see Larus.
- Marionnette*, see Charitonetta albeola.
- mariposae* (Passerella), see Passerella.
- maritima* (Ammodramus), see Ammodramus.
- (Arquatella), see Arquatella.
- (Thryospiza), see Ammodramus.
- maritimus* (Passerherbulus), see Ammodramus.
- marjoriae* (Carpodacus), see Carpodacus.
- (Lophoceros), see Lophoceros.
- (Petromis), see Petromis.
- (Suricata), see Suricata.
- marmoratus* (Brachyrhamphus), see Brachyrhamphus.
- (Megascops), see Otus guatemalae.
- maroccana* (Sylvia), see S. tingitana.
- Marsh, Ernest George, Jr., and Stevenson, J. O.**
Bird records from northern Coahuila, '38, 286-287.
- Marsh, Thompson G.**
The chimney swift in Colorado, '31, 427-428.
- Marsh-bird, Argentine Red-breasted**, see Leistes supercilialis.

- Red-headed**, see Agelaius ruficapillus.
- Yellow-backed**, see Pseudoleistes guirahuro.
- Yellow-headed**, see Agelaius icterocephalus.
- marshi* (Grus), see Protogrus.
- (Protogrus), see Protogrus.
- Marsh-tyrant, White-headed**, see Arundinicola leucocephala.
- Martin, Alexander Campbell, and Uhler, F. M.**
Food of game ducks in the United States and Canada (rev.), '39, 490-491.
- Martin, C. P.**
Land birds occasionally conveyed across the the Atlantic (rev.), '40, 274.
- Martin, Caribbean**, see Progne dominicensis.
- Crag**, see Riparia rupestris.
- Cuban**, see Progne cryptoleuca.
- European**, see Chelidonaria urbica.
- Gray-breasted**, see Progne chalybea.
- House**, see Chelidonaria urbica.
- Northern Purple**, see Progne subis.
- Purple**, see Progne subis.
- Rock**, see Ptyonoprogne rufigula.
- Rough-wing Bank**, see Psalidoprocne massaica.
- Sand**, see Riparia riparia.
- martinica** (Elaenia), see Elaenia.
- (Ionornis), see Ionornis.
- (Oreopeleia), see Oreopeleia.
- (Porphyrula), see Ionornis.
- Martinique.**
Peters, J. L., '34, 517-518.
- martius** (Picus), see Picus.
- Martorelli, Giacinto.**
Birds of Italy, second edition (rev.), '32, 244-245.
- marungensis** (Anthus), see Anthus.
- Maryland.**
Allen, R. P., '31, 267.
- Austin, O. L., Jr., '32, 191-198.
- Ball, W. H., '32, 362.
- Ball, W. H., and Court, E. J., '31, 604.
- Brooks, M., '36, 444, '38, 126-127.
- Brown, J. W., '34, 244.
- Burleigh, T. D., '32, 97.
- Clark, A. H., and Forbes, L. G., '32, 479.
- Cottam, C., '34, 376, '35, 436.
- Cottam, C., and Uhler, F. M., '35, 460-461.
- Court, E. J., '36, 95-96.
- Cramer, W. S., '32, 80.
- De Garis, C. F., '36, 420-428.
- Denmead, T., '37, 206.
- Duvall, A. J., '36, 340.
- Eifrig, C. W. G., '38, 281-282.

- Gross, A. O., '31, 511.
 Hampe, I., et al., '39, 475.
 Holt, E. G., '33, 216-217.
 Huber, W., '31, 259.
 Jones, J. C., '40, 412.
 Lincoln, F. C., '32, 88-90.
 McAtee, W. L., '40, 333-348.
 McCormick-Goodhart, L., '32, 463-464, '40, 250.
 Meanley, M. B., '36, 90, 100, 220, 337, 438, '38, 542-543.
 Murphy, R. C., and Vogt, W., '33, 332.
 Nelson, A. L., '33, 440-441.
 Perkins, S. E., 3rd., '33, 367-368.
 Smith, F. R., '36, 301-305.
 Stone, W., '33, 209.
 Tatum, J. W., '34, 367-368.
 Tyrrell, W. B., '38, 468-470.
 Wetmore, A., '35, 455, '36, 86, 333, '38, 583, '39, 86, 87.
 Wetmore, A., and Lincoln, F. C., '31, 121, 126, '32, 231.
 Wimsatt, W. A., '39, 181-182, '40, 109.
masafueræ (*Pterodroma*), see *Pterodroma*.
Maslowski, Karl Herbert.
 An aerial nest of the turkey vulture (*Cathartes aura septentrionalis*), '34, 229-230.
 Northern pileated woodpecker in Hamilton County, Ohio, '37, 539-540.
Maslowski, K. H., and Goodpaster, W.
 see Goodpaster and Maslowski.
Mason, Charles Russell.
 Warbling vireo (*Vireo gilva gilva*) nesting in Alabama, '36, 449-450.
 A warbler wave of interest, '38, 282-283.
Massachusetts.
 Allen, F. H., '32, 83, 482-484, '33, 104, '34, 85-86, '35, 179-180, '37, 378-379, '40, 111, 562.
 Allen, F. H., and Griscom, L., '32, 87-88.
 Allen, F. H., and Tyler, W. M., '37, 376-378.
 Austin, O. L., and Austin, O. L., Jr., '31, 195-197.
 Austin, O. L., Jr., '31, 126-127.
 Bagg, A. C., '31, 424, 599-600, '32, 458-459, 486, '34, 379, '36, 225-226, '39, 476.
 Bagg, A. C., and Eliot, S. A., Jr., '32, 360-62, '33, 430-431, 445, '34, 507, 510.
 Bent, A. C., '39, 492 (rev.).
 Bergstrom, E. A., '39, 492 (rev.).
 Brooks, W. D., '34, 77.
 Brooks, W. S., '33, 221.
 Broun, M., '31, 130, 413-414.
 Cartwright, W. J., '34, 528-529.
 Chapman, F. M., '40, 233.
 Clark, A. H., '31, 114.
 Clement, R. C., '36, 440-441, '39, 74.
 Cobb, S., '31, 119.
 Colburn, C. G., '39, 493 (rev.).
 Conkey, J. H., '31, 270, 564-566, '32, 355.
 Conkey, J. H., and Griscom, L., '35, 85-86.
 Copeland, H. W., '34, 369.
 Cottam, C., '35, 189, 432.
 Eaton, R. J., '31, 588-589.
 Eliot, S. A., Jr., '32, 101-103, 465-466, '33, 212-213, 364-365, 435, '34, 511-513, 521-522, '39, 75, 177-178, '40, 414.
 Eliot, S. A., Jr., and Bagg, A. C., '32, 465, 492, 492-493, '33, 91, 96-97, 122, '34, 246, '38, 295-296 (rev.).
 Emilio, S. G., '39, 494 (rev.).
 Forbes, H. S., '36, 221.
 Forbush, E. H., and May, J. B., '40, 266-267 (rev.).
 Garrison, D. L., '40, 271 (rev.), 432 (rev.), 567-568.
 Green, H. O., '40, 432 (rev.), 589 (rev.).
 Griscom, L., '32, 79, '35, 82, 184-185, '37, 206-207, 211, '39, 134-137, 185, 186, 332-333, '40, 432 (rev.).
 Gross, A. O., '31, 511.
 Hagar, J. A., '36, 330, '37, 388-389, 411-412 (rev.), '38, 303 (rev.).
 Hendricks, G. B., '33, 359, 366-367, '34, 81-82, 390-391, '35, 446, '39, 176, '40, 272 (rev.).
 Hersey, F. S., '33, 109-110, 113, '36, 92-93.
 Jones, L. C., '36, 438-439.
 Kennard, F. H., '32, 358, '34, 226-227, '35, 93.
 Lackey, J. B., '35, 290.
 Long, G. B., '37, 211.
 Loveridge, A., '39, 191.
 Mason, C. R., '40, 436 (rev.).
 Maynard, H. E., '32, 217.
 Mitchell, M. H., '35, 191.
 Murphy, R. C., and Vogt, W., '33, 327.
 Nice, Margaret M., '31, 215-228, '32, 92-93, '36, 89.
 Packard, F. M., '35, 311-312.
 Parker, H. C., '39, 326, 341-342.
 Peabody, W. R., '40, 437 (rev.).
 Pell, S. M., '33, 208-209, '36, 323.
 Perkins, Anne E., '32, 212.
 Perkins, W. T., '39, 498 (rev.).
 Perry, G. L., '33, 121-122.
 Peters, J. L., '37, 205.
 Peters, J. L., and Hagar, J. A., '37, 537-538.
 Pettingill, O. S., Jr., '36, 86-87.
 Phillips, C. L., '34, 81.

- Phillips, J. C., '32, 440-444, 445-453, '39, 498 (rev.).
- Record, Catharine M., '40, 131 (rev.).
- Richards, T., '36, 441.
- Richardson, Juliet, '38, 119, 279.
- Robbins, C., Jr., '35, 187.
- Robbins, C. A., '32, 159-165.
- Taber, W., '39, 180, '40, 253.
- Tousey, R. H., and Griscom, L., '37, 210-211.
- Townsend, C. W., '31, 274, 602, 607, '33, 217, 226, 355-356.
- Townsend, C. W., and Allen, F. H., '33, 426-427.
- Tuttle, H. E., '31, 130.
- Tyler, W. M., '33, 363, '37, 395-396.
- Walsh, L. L., '33, 93.
- Walter, A. H., '34, 237.
- Wellman, G. B., '33, 112.
- Woodcock, A. H., '40, 219-223.
- massaica (Psalidoprocne), see *Psalidoprocne*.
- massena (Trogon), see *Trogon*.
- masukuensis (Arizelocichla), see *Arizelocichla*.
- Masure**, Ralf Herbert, and **Allee**, W. C.
The social order in flocks of the common chicken and the pigeon, '34, 306-328.
- matengorum (Cisticola), see *Cisticola*.
- Mathews**, Ferdinand Schuyler, 1854-1938.
Obituary, '39, 122, '40, 138.
- Mathews**, Gregory Macalister.
On *Fregetta* Bonaparte and allied genera (rev.), '35, 210-211.
A check list of the order Procellariiformes (rev.), '35, 210-211.
A supplement to the birds of Norfolk & Lord Howe islands and the birds of New Zealand (rev.), '36, 459.
The patagial bone in certain Tubinares (rev.), '37, 110.
Remarks on Procellarian and Puffinine petrels (rev.), '37, 110, 565.
Some changes in the names of New Zealand birds (rev.), '37, 415-416.
Petrel notes (rev.), '37, 416.
[On the type locality of *Psittacus aterrimus* Gmelin], '37, 572.
Notes on New Zealand ducks (rev.), '38, 151.
[Notes on the genus *Fregetta*] (rev.), '38, 305.
[Some overlooked generic names] (rev.), '38, 305.
[A new name for the British long-tailed tit] (rev.), '38, 576.
A new shearwater for Western Australia (rev.), '38, 576.
Remarks on Prions (rev.), '38, 576.
- Key (dichotomous antithesis) of the storm petrels (rev.), '38, 576.
- Overlooked names of European and other birds from the 'Analyst' and other sources (rev.), '39, 105.
- Nomenclatorial notes (rev.), '39, 497.
- Two new races of petrel (rev.), '39, 497.
- mathewsi (Botaurus), see *Botaurus*.
- (Chloroceryle), see *Chloroceryle*.
- Mathewsiella**, see *Pherocraspedon*.
- matudae (Agelaius), see *Agelaius*.
- (Lepidocolaptes), see *Lepidocolaptes*.
- (Odontophorus), see *Odontophorus*.
- matutina (Brachyospiza), see *Brachyospiza*.
- maurii (Ereunetes), see *Ereunetes*.
- mauritanus (Lophopsittacus), see *Lophopsittacus*.
- Mauritius**.
Hachisuka, Marquess, '38, 302-303 (rev.).
Swaen, A. E., '40, 439 (rev.).
- Mauve**, Lutz.
Der Zug der Grossvögel über den Bosphorus (rev.), '38, 694-695.
- maxillaris (Aulacorhynchus), see *Aulacorhynchus*.
- maxima (Chalcophaps), see *Chalcophaps*.
- (Sterna), see *Thalasseus*.
- (Stictapteryx), see *Stictapteryx*.
- maximiliani (Riparia), see *R. riparia*.
- maximus (Passer), see *Passer*.
- (Thalasseus), see *Thalasseus*.
- Maxwell**, P. H.
The collared puff-bird (*Bucco colaris*) (sic) (rev.), '37, 416.
- maxwelliae (Otus), see *Otus*.
- May**, Franklin Hinsdell.
[Injury feigning by birds], '36, 366-367.
- May**, John Richard.
More Audubon copper-plates, '31, 284.
[Personal mention], '34, 138.
Pacific loon on the lower St. Lawrence River in July, '35, 178.
White pelicans in Florida, '35, 180.
The hawks of North America (rev.), '35, 331.
- May**, J. B., and **Forbush**, E. H.
see *Forbush* and *May*.
- May**, Richard Morris.
Notes from central Pennsylvania, '34, 533, '35, 197-198.
Two unusual species observed on the Susquehanna River at Harrisburg, Pa., '36, 94-95.
- Mayaud**, Noel.
Catalogue of the birds of France (rev.), '37, 105.
La gorge-bleue à miroir en France (rev.), '39, 105.

- Commentaires sur l'ornithologie française (rev.), '39, 105.
- L'avifaune de la Camargue et des grands étangs voisins de Berre et de Thau (rev.), '39, 105.
- mayeni (Zosterops), see Zosterops.
- mayensis (Bubo), see Bubo.
- mayeri (Astrapia), see Astrapia.
- Mayfield**, George Radford.
The mockingbird's imitation of other birds (rev.), '34, 554.
- Maynard**, Herbert Ernest.
White gyrfalcon (*Falco rusticolus canidicans*) at Wayland, Mass., '32, 217.
- maynardi (Coccyzus), see Coccyzus.
- (Vireo), see Vireo.
- Mayr**, Ernst.
[Field and museum activities], '31, 331.
Birds collected during the Whitney South Sea Expedition (rev.), xii, '31, 461; xiii, xiv, '32, 131; xviii, xix, xx, xxi, '32, 382; xxii, '33, 380; xxx, '36, 116; xxxi, '36, 470; xxxii, xxxiii, xxxv, '38, 151; xxxix, xl, '39, 357.
The generic name Calao, '31, 600-601.
The parrot finches (genus *Erythrura*) (rev.), '32, 132.
Determination of the bird names of De Vis (rev.), '32, 132.
The birds of Malaita Island (British Solomon Islands) (rev.), '32, 257.
Notes on the fantails of the genus *Rhipidura* (rev.), '32, 257.
A tenderfoot explorer in New Guinea (rev.), '32, 257.
Birds of the Saruwaged and Herzog mountains, northeastern New Guinea (rev.), '32, 382.
The type of *Egretta brevipes*, '33, 206-207.
Two new birds from Micronesia (rev.), '33, 380.
Notes on Polynesian flycatchers (rev.), '33, 380.
[Obituary of] Ernst Johann Otto Hertert, '34, 283-286.
Notes on some birds from New Britain, Bismark Archipelago (rev.), '35, 120.
Notes on the genus *Petroica* (rev.), '35, 120.
Die Vogelwelt polynesiens (rev.), '35, 120.
Avocet recorded for North Carolina, '35, 185.
On the nomenclature of some *Aplonis* species (rev.), '36, 116.
[Portenko on *Limosa lapponica*], '36, 367-368.
New subspecies of birds from the New Guinea region (rev.), '36, 470.
- Notes on the genus *Sericornis* Gould (rev.), '37, 416.
The homing of birds (rev.), '38, 152.
The proportion of sexes in hawks, '38, 522-523.
The birds of the Vernay-Hopwood Chindwin Expedition (rev.), '38, 695.
Ein neuer Wespenbussard von den Philippinen (rev.), '39, 497.
The sex ratio in wild birds (rev.), '39, 497.
The winter quarters of *Chalcites malayanus minutillus* (Gould) (rev.), '40, 274.
Speciation phenomena in birds (rev.), '40, 591.
- Mayr**, E., Reviews.
see Peters, J. L., 'Checklist of birds of the world,' vol. 3 (rev.), '37, 550-551.
see Danforth, C. H., 'An experimental study of plumage in Reeves pheasants' (rev.), '38, 147.
see Walton, A., 'On the eclipse plumage of the mallard (*Anas p. platyrhynchos*)' (rev.), '38, 157.
see Aaron, S. F., 'Speed awing' (rev.), '38, 298.
see Bussmann, J., 'Biologische Beobachtungen über die Entwicklung der Schleierule' (rev.), '38, 299.
see Dobzhansky, T., 'Genetics and the origin of species' (rev.), '38, 300-301.
see Marchlewski, J., 'Guinea-fowl and common fowl hybrids obtained by means of artificial insemination' (rev.), '38, 305.
see Weel, P. B. von, 'Zur Histophysiologie des Pankreas vom Reiher (*Ardea cinerea*)' (rev.), '38, 310.
see Krätzig, H., 'Histologische Untersuchungen zur Frage der Struktur- und Farbveränderungen an Federn nach künstlicher (Thyroxin) Mauser' (rev.), '38, 575.
see Niethammer, G., 'Über die Beziehungen zwischen Flügellänge und Wanderstrecke bei einigen europäischen Singvögeln' (rev.), '38, 577.
see Pogossianz, H., 'Karyotypes of some representatives of Passeres (*Passer domesticus* L., *Coloeus monedula* L., *Turdus pilaris* L.)' (rev.), '38, 579.
see Streich, G., and Swetosarow, E., 'Die natürliche Mauser der Entenvögel' (rev.), '38, 582.
see Swetosarow, E., and Streich, G., 'Die experimentelle Analyse des Geschlechts und Saisondimorphismus im Gefieder der Enten' (rev.), '38, 582.

- see Zimmer, K., 'Methoden zur Messung der Atemfrequenz bei Vögeln' (rev.), '38, 584.
- see Niethammer, G., 'Handbuch der Deutschen Vogelkunde, vol. 2,' (rev.), '39, 345-346.
- Mayr, E., and de Schauensee, R. M.**
Zoological results of the Dennison-Crockett South Pacific Expedition for the Academy of Natural Sciences of Philadelphia, 1937-1938. Parts i, iv, v (rev.), '40, 591.
- Mayr, E., and Greenway, J. C., Jr.**
Forms of *Mesia argentauris* (rev.), '38, 576.
- Mayr, E., and Meise, W.**
Theoretisches zur Geschichte des Vogelzuges (rev.), '31, 302-304.
- Mayr, E., and Band, A. L.**
Twenty-four apparently undescribed birds from New Guinea (rev.), '36, 116.
- Results of the Archbold expeditions, No. 10 (rev.), '36, 470.
- Neue Unterarten von Vögeln aus Neu-Guinea (rev.), '37, 416.
- Mayr, E. and Serventy, D. L.**
A review of the genus *Acanthiza* Vigors and Horsfield (rev.), '39, 357.
- mayri* (*Ptilorhoa*), see *Ptilorhoa*.
- (*Trugon*), see *Trugon*.
- Mayrornis**, *tax*, '33, 143.
- McAdams, Clark**, 1874-1935.
Obituary, '37, 125.
- McAtee, Waldo Lee.**
[Obituary of] James Stewart Hine, '31, 323-325.
- Peafowl and their care (rev.), '32, 256.
- Usefulness of birds on the farm (rev.), '32, 257.
- "Duck ponds" in Holland, '32, 346-347.
- Effectiveness in nature of the so-called protective adaptations in the animal kingdom, chiefly as illustrated by the food habits of Nearctic birds (rev.), '32, 375-376.
- The need for studies in bird control in California (rev.), '33, 140-141.
- Preservation of species in aviaries, '35, 128-129.
- Food habits of common hawks (rev.), '36, 244.
- [To conduct publication of 'Wild Life Review'], '36, 259.
- 'Anting' by birds, '38, 98-105.
- Treasurer's annual report, '38, 325, '39, 124.
- Comments on the list of members (A. O. U.), '38, 342.

- Two apparently overlooked names for North American birds, '39, 88-89.
- Wildfowl food plants, their value, propagation, and management (rev.) '39, 198-199.
- Discussion—Unorthodox thoughts on migration, '40, 135-136.
- [Obituary of] Reynold Jocelyn Onslow Bray, '40, 139-140.
- An experiment in songbird management, '40, 333-348.
- Attracting birds (rev.), '40, 436.
- Mimicry by a brown thrasher, '40, 574.
- [Obituary of] Gordon Trumbull, '40, 597-598.
- McAtee, W. L., Reviews.**
see Swenk, M. H., 'The food habits of the ring-necked pheasant in central Nebraska' (rev.), '31, 151.
- see Collinge, W. E., [food of the corn-crake] (rev.), '32, 126-127.
- see Snyder, L. L., 'The hawks and owls of Ontario' (rev.), '32, 258.
- see Vasvari, H., 'On the food of *Ardea purpurea*' (rev.), '32, 259.
- see Rozsypal, J., 'The sugar-beet pest, *Bothynoderes punctiventris* Germ. and its natural enemies' (rev.) '32, 378.
- see Shotwell, R. L., 'A study of the lesser migratory grasshopper' (rev.), '32, 378.
- see Lane, M. C., 'The Great Basin wireworm in the Pacific northwest' (rev.), '32, 379.
- see MacAloney, H. J., 'The white-pine weevil' (rev.), '32, 379.
- see Alexander, W. B., 'The bird population of an Oxfordshire farm' (rev.), '32, 505-506.
- see Tichvinsky, V. I., 'The food of aquatic game birds,' and 'The biology of the reddish ground-squirrel (*Citellus rufescens* Keys. et Blas)' (rev.), '34, 416.
- see Sewenov, N. M., 'On the biology of the steppe lemming (*Lagurus lagurus* Pall.) and experiments for its control' (rev.), '34, 416.
- see Jarkoff, J. V., and Teploff, V. P., 'Materials on the food of the birds of prey' (rev.), '34, 416-417.
- see Aspasoff, D. J., 'Economic importance of the gray crow (*Corvus cornix* L.) in the Lower Kama Valley' (rev.), '34, 417.
- see Vlasoff, A. A., and Teploff, V. P., 'Food of the magpie—*Pica pica* L.' (rev.), '34, 417.
- see Satterthwait, A. F., 'How to control

- billbugs destructive to cereal and forage crops' (rev.), '35, 115.
- see Smith, F. F., 'The black vine weevil' (rev.), '35, 115.
- see Osborn, H., 'Leaf hoppers injurious to cereal and forage crops' (rev.), '35, 115.
- see Noble, W. B., 'Sod webworms and their control in lawns and golf greens' (rev.), '35, 115-116.
- see Sison, P., 'The slug caterpillar on Abaca' (rev.), '35, 116.
- see Silver, J. C., 'Biology and morphology of the spindle worm' (rev.), '35, 116.
- see Manuel, C. G., 'Observations on the Philippine weaver' (rev.), '35, 116-117.
- see 'Economic ornithology in recent entomological publications' (rev.), '35, 335-337.
- see Mendall, H. L., 'The relationship of certain sea birds to the fishing industry of the State of Maine' (rev.), '35, 337-338.
- see Stevens, R. O., 'Helping our bird friends' (rev.), '36, 113.
- see Collinge, W. E., 'Food and feeding habits of the coot (*Fulica atra* Linn.)' (rev.), '36, 241-242.
- see Ali, S., 'Economic ornithology in India' (rev.), '36, 357.
- see Chappellier, A., and Raucourt, M., 'Are arsenicals dangerous to game' (rev.), '36, 463-464.
- see Manuel, C. G., 'Life history and economic importance of Cabanis's weaver' (rev.), '37, 110.
- see Henze, O., [On value of birds to an orchard] (rev.), '37, 562-563.
- see Bigalke, R., 'The naturalization of animals, with special reference to South Africa' (rev.), '38, 145.
- see Box, H. E., 'Observations on wild cotton in birds' nests in Antigua' (rev.), '38, 146.
- see Munro, J. A., and Clemens, W. A., 'The American merganser in British Columbia and its relation to the fish population' (rev.), '38, 152-153.
- see Hoffmann, B., 'Vom Ursprung und sinn deutscher Vogelnamen' (rev.), '38, 293.
- see Manuel, C. G., 'Beneficial swiftlet and edible birds' nest industry in Bacuit, Palawan' (rev.), '38, 304-305.
- see Hibbert-Ware, Alice, 'Report of the little owl inquiry 1936-37' (rev.), '38, 561-562.
- see Husain, M. A., and Hem Raj Bhatta, 'Some birds of Lyallpur and their food' (rev.), '38, 573-574.
- see Morrison-Scott, T. C. S., 'A note on the distribution of the two shrews found in Jersey' (rev.), '38, 577.
- see Chrystal, R. N., 'Insects of the British woodlands' (rev.), '38, 684.
- see Huntsman, A. G., [On fluctuations in North American Atlantic salmon] (rev.), '39, 102-103.
- McAtee, W. L., and Kenney, F. R.**
see Kenney and McAtee.
- McAtee, W. L., and Piper, S. E.**
Excluding birds from reservoirs and fishponds (rev.), '37, 110-111.
- McBride, John M.**
Unusual roosting of the chuck-will's-widow, '33, 107.
- McCabe, Thomas Tonkin.**
Gulls and sunfish, '37, 204-205.
Endemism and the American northwest (rev.), '37, 223.
- McCabe, T. T., and McCabe, Elinor Bolles** (Mrs. Thomas Tonkin McCabe).
Preliminary studies of western hermit thrushes (rev.), '32, 260-261.
Notes on the anatomy and breeding habits of crossbills (rev.), '33, 460.
- McCabe, T. T., and Miller, A. H.**
see Miller and McCabe.
mccalli (*Otalis*), see *O. vetula*.
— (*Otus*), see *Otus*.
— (*Scops*), see *Otus*.
- McCann, Horace Dolbey.**
A colony of cliff swallows in Chester County, Pa., '36, 84-85.
- McClanahan, Robert Charles.**
Rufous hummingbird (*Selasphorus rufus*), in Florida, '35, 187.
Second appearance of the rufous hummingbird at Pensacola, Florida, '36, 217-218.
Alder flycatcher at Pensacola, Florida, '37, 392.
European widgeon in Florida, '37, 532-533.
Double-crested cormorant in Delaware, '38, 271.
Broad-winged hawk migration in Mississippi, '38, 273.
Lark sparrow in Maine, '40, 577.
- McClanahan, R. C., and Weston, F. M.**
see Weston and McClanahan.
- McClintock, Norman,** 1868-1938.
Obituary, '38, 585, '39, 123.
- McCormick-Goodhart, Leander.**
Bathing behavior of the osprey, '32, 463-464.
Unusual nest of killdeer, '40, 250.

mccowni (Rhynchophanes), see Rhynchophanes.

McCreary, Otto.

The shifting of the route of migrating birds due to wind, '34, 255-256.

McCullagh, Ernest Perry, and **Braund**, F. W.

see Braund and McCullagh.

McDonald, Malcolm, and **Errington**, P. L.

see Errington and McDonald.

McDonald, Norman J., **Daly**, S., and **Gillespie**, J. A.

Snowy egret nesting in New Jersey, '40, 106.

mcgalli (Puffinus), see P. puffinus.

McGill, J. Neil.

Wedge-tailed eagles (rev.), '37, 111.

Southern movements of northern birds (rev.), '38, 305.

McGregor, Richard Crittenden, 1871-1936.

Obituary, '37, 234, '38, 324.

In memoriam, '38, 163-175, por.

mcgregori (Carpodacus), see Carpodacus.

— (Edolisoma), see Edolisoma.

McIlhenny, Edward Avery.

The blue goose in its winter home, '32, 279-306.

Golden eagle (*Aquila chrysaetos canadensis*) in Louisiana, '33, 431-432.

Barn swallows breeding on the Gulf coast, '33, 439.

Robins nesting in extreme southern Louisiana, '33, 439-440.

Twenty-two years of banding migratory wild fowl at Avery Island, Louisiana, '34, 328-337.

Color of iris in the boat-tailed grackle (*Cassidix mexicanus major*), '34, 383-384.

Bird city (rev.), '34, 543.

The vermilion flycatcher in Louisiana, '35, 187.

Barn swallows breeding on the Gulf coast, '35, 188.

Purple gallinules (*Ionornis martinica*) are predatory, '36, 327-328.

Are starlings a menace to the food supply of our native birds?, '36, 338-339.

[On the distribution of *Quiscalus* in Louisiana], '36, 416-417.

Unusual feeding habits of some of the Ardeidae, '36, 439-440.

Life history of the boat-tailed grackle in Louisiana, '37, 274-295.

A hybrid between turkey vulture and black vulture, '37, 384.

[Bird students invited to Avery Island, La.], '37, 425.

[Correction in wording of account of

hybridism between turkey vulture and black vulture], '37, 574.

Florida crane a resident of Mississippi, '38, 598-602.

Whooping crane in Louisiana, '38, 670.

An unusual migration of broad-winged hawks, '39, 182-183.

Feeding habits of the black vulture, '39, 472-474.

Sex ratio in wild birds, '40, 85-93.

The autobiography of an egret (rev.), '40, 268.

Effect of excessive cold on birds in southern Louisiana, '40, 408-410.

McIlhenny, E. A., and **Osborn**, Rosemary McI.

Black vulture following aeroplane, '38, 521.

McIntosh, Duncan.

Notes from the coastal counties of Alabama, '34, 253.

McKeown, Keith C.

The food of birds from southwestern New South Wales (rev.), '35, 342.

Bird-catching spiders (rev.), '40, 274.

McManus, Reid, Jr.

Late occurrence of the barn swallow in New Brunswick, '32, 222.

The black tern in New Jersey, '35, 88.

Feeding habits of the raven in winter, '35, 89.

Notes from Memramcook, Westmorland County, New Brunswick, '35, 195-196.

Notes from Prince Edward Island, '36, 93-94.

McNeil, George Martyn, 1891-1930.

Obituary, '31, 86, '32, 147-148.

Meade, Gordon Montgomery.

Wilson's petrel on Lake Ontario, '39, 177.

Perching habit of the black tern, '39, 187.

Franklin's gull in New York State, '40, 251.

Meadowlark, see *Sturnella magna*.

Cuban, see *Sturnella hippocrepis*.

Eastern, see *Sturnella magna*.

Jaliscan, see *Sturnella aureopectoralis*.

Rio Grande, see *Sturnella hoopesi*.

Southern, see *Sturnella argutula*.

Western, see *Sturnella neglecta*.

Meanley, Mortimer Brooke.

Late nesting of goldfinch at Baltimore, Md., '36, 90.

Albino red-headed woodpeckers, '36, 100-101.

Maryland yellow-throat in winter in Maryland, '36, 220.

Prairie horned lark (*Otocoris alpestris*

- praticola) nesting in Baltimore Co., Maryland, '36, 337.
 Horned grebe at Conowingo, Md., in July, '36, 438.
 Chestnut-sided warbler nesting near Baltimore, Maryland, '38, 542-543.
mearnsi (*Agelaius*), see *Agelaius*.
 — (*Junco*), see *Junco*.
 — (*Lanius*), see *Lanius*.
 — (*Melopelia*), see *Melopelia*.
Mecocerculus superciliosus, *Pan.* '35, 341.
medianus (*Bonasa*), see *Bonasa*.
 — (*Dryobates*), see *Dryobates*.
mediogriseus (*Passerculus*), see *Passerculus*.
Mediterranean.
 Bannerman, D. A., '39, 492 (rev.).
mediterraneus (*Oligocorax*), see *Oligocorax*.
 — (*Phalacrocorax*), see *Oligocorax*.
medius (*Alophoixus*), see *Alophoixus*.
 — (*Cinclus*), see *Cinclus*.
Megaceryle alcyon (*Eastern Belted Kingfisher, Belted Kingfisher, Kingfisher, ^bCeryle), *Antigua*, '34, 362, '39, 305; *Ark.* '31, 237^b; *Conn. Val.* '32, 360^a; *Ia.* '39, 36; *N. F.* '36, 343; *N. H.* '31, 117^a; *N. C.* '36, 227; *N. S.* '37, 35; *O.* '31, 368, '32, 87^a; *Pan.* '31, 121^a; *Que.* '37, 35; *Yellowstone*, '31, 601^a.—*egg*, '40, 45^a, 57^a; *flight*, '33, 315^a, 452^a; *fd.* '39, 103^a; *hbt.* '32, 87^a; *incub.* '40, 57^a, 59^a; *temp.* '38, 156^a; *wt.* '38, 442, 516; *wing area*, '38, 516; *misc.* '31, 117^a, '35, 360^b, '38, 696^a, '39, 306^a.
caurina (*Western Belted Kingfisher, Belted Kingfisher), *Mex.* '35, 254, 422^a; *Wyo.* '38, 554.—*eye*, '38, 227^a.
torquata (*Ringed Kingfisher), *Guat.* '33, 437; *Hond.* '36, 190.—*colors*, '36, 190; *hbt.* '33, 437, '37, 142^a.
Megacrex pallida, *N. Guinea*, '38, 696.
megalonyx (*Pipilo*), see *Pipilo*.
megaloptera (*Larus*), see *L. atricilla*.
megalorhynchus (*Tanygnathus*), see *Tanygnathus*.
Megalurus forbesi (Striated Marsh Warbler), *P. I.* '38, 218.—*hbt.*, *nid.*, '38, 218.
muscalis, *N. Guinea*, '38, 697.
Megapodius, *anat.* '32, 130; *incub.* '40, 54; *misc.* '39, 347.
freycinet, *N. Guinea*, '40, 83.
pritchardi, *Tonga Is.* '36, 77.—*egg*, '36, 78.
megarhyncha (*Luscinia*), see *Luscinia*.
 — (*Passerella*), see *Passerella*.
Megarhynchus, *Pan.* '39, 308.
caniceps, *Mex.* '37, 197.
mexicanus, *Mex.* '37, 197.

- Megazosterops palauensis* (^bCleptornis), *tax.* '31, 157, 157^b.
 Meidell, Ove, and Lid, J.
 see Lid and Meidell.
 Meinertzhagen, Richard.
Nicoll's Birds of Egypt (rev.), '31, 289-291.
 The races of *Larus argentatus* and *L. fuscus* (rev.), '36, 120.
 [A new snow finch and a new *Sylvia*] (rev.), '38, 305.
 [Four new birds from Asia] (rev.), '38, 695.
 New species and races from Morocco (rev.), '39, 357.
meinertzhageni (*Anthus*), see *Anthus*.
 — (*Perdica*), see *Perdica*.
 Meise, Wilhelm.
Die Vogelwelt der Mandschurei (rev.), '35, 110.
 Zur Systematik und Verbreitungsgeschichte der Haus- und Weiden-sperlinge, *Passer domesticus* (*L.*) und *hispaniolensis* (*T.*) (rev.), '37, 223-224.
Eutrichomyias—novum genus *Muscicapidarum* (rev.), '40, 274.
 Meise, W., Stresemann, E., and Schönewetter, M.
 see Stresemann, Meise and Schönewetter.
meissneri (*Lophobasileus*), see *Lophobasileus*.
Melampitta, *anat.* '31, 639.
melancerus (*Bubo*), see *Bubo*.
melanchima (*Geococcyx*), see *Geococcyx*.
melancholicus (*Tyrannus*), see *Tyrannus*.
Melanerpes, *misc.* '33, 86.
erythrocephalus (*Red-headed Woodpecker, ^bcaurinus), *Acadia*, '39, 289^a; *Ark.* '31, 237, '39, 477^a; *Fla.* '31, 250; *Ind.* '34, 538^a; *Ia.* '34, 538^a; *Kans.* '34, 538^a; *Md.* '36, 101; *Mass.* '33, 367, 445; *Neb.* '32, 87; *N. H.* '35, 97, '40, 254; *N. Y.* '31, 279^a, '38, 102^a; *N. C.* '37, 456; *N. S.* '38, 549; *O.* '31, 122, 369, '37, 326; *Ont.* '39, 14-15^a, 16; *Va.* '38, 574^a; *W. Va.* '34, 379.—*alb.* '36, 100-101; *anat.* '32, 87; *blood*, '37, 516^a, 517; *flight*, '33, 452^a, '37, 183^a; *hbt.* '31, 122; *mig.* '39, 14-17; *syst.* '35, 212-213^b, '38, 311^b; *wt.* '37, 326, '38, 442; *misc.* '31, 543^a, '34, 379, '40, 80^a.
melania (*Oceanodroma*), see *Oceanodroma*.
 — (*Procellaria*), see *Oceanodroma*.
Melanism.
Alca torda, '34, 124 (rev.).
Coracias lorti, '40, 435 (rev.).
Ixobrychus exilis, '31, 311 (rev.).
Larus atricilla, '34, 82-83.

- Nycticorax hoactli, '38, 518.
 Parus ater, '34, 240.
 Penthestes atricapillus, '34, 240.
 Phasianidae, '39, 353 (rev.).
 Tribura luteiventris, '38, 694 (rev.).
 Uria grylle, '34, 124 (rev.).
- Melanitta deglandi** (*White-winged Scoter, ^bOidemia), *Colo.* '37, 525; *Kans.* '33, 211; *Labr.* '37, 20; *Mass.* '32, 442-444, '34, 390, 513, '37, 377^a; *N. Y.* '36, 324; *N. C.* '35, 318; *O.* '34, 401; *Pa.* '34, 533, '35, 301, '39, 472; *S. C.* '34, 251^b; *W. Va.* '34, 249, '38, 122-123, 130.—*eye.* '38, 234^a.
- fusca** (*Velvet Scoter, ^bOidemia), *avic.* '38, 691^a; *misc.* '32, 264^b, '36, 365^a.
perspicillata (*Surf Scoter), *Colo.* '37, 525; *Labr.* '37, 21; *Mass.* '32, 442-444^a; *Mex.* '35, 251; *W. Va.* '38, 123.
- melanocephala** (Arenaria), see Arenaria.
 — (Habia), see Habia.
 — (Ryania), see Ryania.
 — (Threskiornis), see Threskiornis.
- melanocephalus** (Hedymeles), see Hedy-meles.
 — (Icterus), see Icterus.
 — (Malurus), see Malurus.
 — (Trogon), see Trogon.
- melanocorys** (Calamospiza), see Calamo-spiza.
- melanogaster** (Petrochelidon), see Petrochelidon.
- melanogenia** (Galbula), see Galbula.
- melanogyna** (Molothrus), see Molothrus.
- melanoleuca** (Fregetta), see Fregetta.
 — (Fregolla), see Fregetta.
 — (Poospiza), see Poospiza.
 — (Saxicola), see Saxicola.
 — (Tringa), see Totanus.
- melanoleucos** (Haliëtor), see Haliëtor.
- melanoleucus** (Accipiter), see Astur.
 — (Aëronauts), see A. saxatilis.
 — (Astur), see Astur.
 — (Buteo), see Buteo.
 — (Geranoaëtus), see Buteo.
 — (Lophoceros), see Lophoceros.
 — (Totanus), see Totanus.
- melanonota** (Pulsatrix), see Pulsatrix.
- melanonyx** (Procellaria), see Procellaria.
- melanope** (Motacilla), see Motacilla.
- melanophris** (Diomedea), see Diomedea.
 — (Thalassarche), see Diomedea.
- melanopogon** (Luscinola), see Luscinola.
- melanops** (Anous), see Anous.
 — (Coracina), see Coracina.
 — (Myadestes), see Myadestes.
 — (Phloeocryptes), see Phloeocryptes.
- melanoptera** (Sterna), see Sterna.
- melanopterus** (Mimus), see M. columbianus.
- melanopus** (Pterodroma), see P. solandri.

- melanorrhoa** (Chalybura), see Chalybura.
- Melanospiza richardsoni**, *misc.* '35, 476.
- melanostigma** (Garrulax), see Garrulax.
- melanotis** (Psaltiriparus), see Psaltiriparus.
 — (Sitta), see Sitta.
- melanotos** (Erolia), see Pisobia.
 — (Pisobia), see Pisobia.
- Melanotrochilus**, *flight*, '39, 360.
- melanotus** (Ailuroedus), see Ailuroedus.
 — (Porphyrio), see Porphyrio.
- melanura** (Anthornis), see Anthornis.
 — (Cisticola), see Cisticola.
 — (Poliopitila), see Poliopitila.
- melanuroides** (Limosa), see Limosa.
- melba** (Apus), see Apus.
 — (Cypselus), see Apus.
 — (Micropus), see Apus.
- Meleagridae**, *eye*, '38, 238.
- meleagrides** (Agelastes), see Agelastes.
- Meleagris crassipes**, *Mex.* *fos.* '40, 592.
gallopavo (*Wild Turkey, ^bArdea sellardsi), *Mex.* '35, 422^a, '38, 112.—*fos.* '35, 361^b; *key to races*, '38, 114-115; *plm.* '38, 115; *type loc.* '38, 113.
intermedia (Rio Grande Turkey), *Mex., Tex.*, '38, 113.—*plm.* '38, 114.
merriami (Merriam's Turkey), *Ariz., Mex., N. M.*, '38, 113.—*plm.* '38, 115; *misc.* '38, 112.
mexicana, *syn.* '38, 114; *misc.* '38, 112.
onusta, *Mex.* '38, 112^a.—*descr. dist.*, '38, 112-115.
osceola (*Florida Turkey), *Fla.* '37, 343-344^a, '38, 113.—*plm.* '38, 114.
silvestris (*Eastern Turkey, Wild Turkey, ^bgallopavo), *Ark.* '38, 113; *La.* '39, 90; *Mass.* '38, 296; *Mo.* '38, 142^a; *N. C.* '38, 113; *O.* '31, 374^b, 376^a, '40, 586^a; *Okla.* '38, 113; *Pa.* '38, 585^a; *S. C.* '38, 113; *Va.* '38, 113.—*physiol.* '40, 271^a; *plm.* '38, 114; *protec.* '40, 290^a, 291^a; *wt.* '38, 517; *wing area*, '38, 517; *misc.* '38, 107^a, 289^a, 586^a.
- Melichneutes robustus** (*Lyre-tailed Honey-guide), *Congo*, '40, 260^a.
- Melidectes brassi**, *N. Guinea*, '37, 416.
- Meliphaga analoga**, *tax.* '35, 127.
cassidix (*Helmeted Honey-eater), *Australia*, '40, 275^a.
leucotis (*White-eared Honey-eater), *Australia*, '37, 563^a.—*behav.* '37, 563^a.
- Meliphagidae**, *myol.* '38, 645, 646.
- meliphonus** (Catherpes), see Catherpes.
- Melithreptus brevirostris** (*Brown-headed Honey-eater), *Australia*, '37, 563^a.—*hbt.* '37, 563^a.
- gularis** (*Black-chinned Honey-eater), *misc.* '38, 573^a.
- melitophrys** (Vireolanius), see Vireolanius.

mellianus (Oriolus), see Oriolus.
Mellisuga minima, *Jam.* '36, 165.
 mellivora (Florisuga), see Florisuga.
 melodia (Melospiza), see Melospiza.
 melodus (Charadrius), see Charadrius.
Melopelia, *tax.* '35, 122.
 mearnsi (*White-winged Dove),
 Mex. '35, 421^a, 424.—*eye*, '38, 229^a;
 status, '40, 596^a.
 melophilus (Erithacus), see Erithacus.
Melopsittacus, *Australia*, '38, 690.
 undulatus (*Budgerigar, Shell Para-
 keet, Grass Parakeet), *avic.* '32, 511^a,
 '35, 221, '39, 495^a; *behav.* '37, 269–270,
 '39, 259, 382^a, 400^a, 402^a, 404, 405;
 disease, '40, 331^a, 332; *plm.* '37, 252^a,
 422^a; *misc.* '35, 485, '39, 262.
Melopyrrha nigra (*Black Finch), *Cuba*,
 '36, 437^a.
Melospiza alticola (^bPasserella), *Calif.*
 '35, 345^b; *Ore.* '39, 342–343.—*dist.*,
 meas., '39, 343.
 atlantica (Atlantic Song Sparrow),
 Ga. '35, 315; *Md.* '36, 223; *N. C.* '37,
 460; *S. C.* '32, 238; *Va.* '33, 200, '34,
 394, '36, 223, '37, 462.—*dist.* '36, 223.
 beata (*Mississippi Song Sparrow,
 Song Sparrow), *Ark.* '38, 286; *Great*
 Lakes, '32, 235^a; *Mich.* '32, 208–211,
 '35, 362, '36, 111^a, '39, 99^a; *O.* '33, 120,
 '34, 386^a, '37, 189–191, 326, 397^a; *Va.*
 '36, 93.—*behav.* '37, 190, 191, '39, 268–
 269; *cowbird host*, '33, 120, '34, 386^a;
 incub. '37, 189; *nid.* '37, 189–190, 191;
 nomen. '37, 112; *wt.* '37, 325^a, 326, 330–
 332; *misc.* '36, 284^a.
 ericrypta, *Alta.* '39, 92.—*dist.* '39, 92.
 euphonia, *Ont.* '40, 271; *W. Va.* '37,
 112.
 fisherella (Modoc Song Sparrow),
 Calif. '31, 30.—*mig.* '31, 30.
 georgiana (*Swamp Sparrow), *Ark.*
 '31, 238; *Ill.* '33, 373; *Ia.* '39, 36; *Md.*
 '38, 281–282; *Mich.* '35, 362, '40, 156;
 N. F. '36, 345; *N. C.* '36, 227; *O.* '34,
 386^a, '37, 326; *Ont.* '39, 242; *Que.* '31,
 242^a.—*blood*, '37, 518; *cowbird host*,
 '34, 386^a; *feather count*, '38, 169^a; *song*,
 '35, 40–52^a, '38, 267^a; *wt.* '37, 326, '38,
 445, 514; *wing area*, '38, 514; *misc.* '38,
 586^a.
 gracilis (Forbush's Sparrow), *misc.*
 '39, 343.
 heermanni (Heermann's Song Spar-
 row), *Calif.* '38, 50.—*cowbird host*, '38,
 46, 50.
 juddi (*Dakota Song Sparrow), *Ark.*
 '36, 456; *Mich.* '32, 208–211, '39, 99^a;
 N. D. '37, 112; *Ont.* '40, 271.—*tax.* '32,
 208–211.
 lincolni (*Lincoln's Sparrow, ^bPas-

serella), *Alta.* '31, 263^a; *Ill.* '33, 373;
Me. '35, 95, '37, 102; *Man.* '31, 62;
Mex. '35, 256, '40, 243; *N. F.* '36, 345;
N. C. '32, 100; *O.* '37, 326; *Ont.* '32,
 101; *Que.* '31, 242^a; *Tex.* '38, 134;
Utah, '38, 303^a; *Va.* '34, 90, '36, 454;
W. Va. '36, 91, 453, '39, 188^a.—*dist.*
 '35, 345^b; *fd.* '38, 303^a; *hbt.* '31, 62,
 '36, 345; *nest*, '37, 102; *tax.* '35, 345^b;
wt. '37, 326, '38, 445, 514; *wing area*,
 '38, 514; *misc.* '37, 217^a, '39, 343.
melodia (^aEastern Song Sparrow,
 Song Sparrow), *Ark.* '31, 238; *Atlantic*,
 '32, 99^a; *Del.* '35, 317; *Fla.* '34, 401; *N.*
B. '35, 195; *N. H.* '36, 94; *O.* '31, 373,
 '37, 553–554^a, '38, 153^a, '39, 257–261^a,
 347^a; *Ont.* '40, 271; *Pa.* '31, 385–406;
Que. '31, 242^a, '37, 39; *S. C.* '33, 226,
 '34, 537, '36, 315; *Va.* '32, 103.—
 'antling', '40, 520–522; *blood*, '37, 518;
cowbird host, '38, 153^a, '40, 273^a; *ecol.*
 '31, 405; *egg*, '40, 57^a; *feather count*, '36,
 163^a, 164^a, 165^a, 169^a; *fig.* '40, 521, 522;
flight, '33, 316^a; *fd.* '31, 404, 405, '33,
 374^a, '38, 417–418^a, '40, 521; *hbt.* '34,
 196, '39, 255–261, '40, 177^a, 256^a;
incub. '40, 57^a, 59^a; *life hist.* '31, 385–
 406, '37, 553–554^a, '39, 347–348^a, 406^a,
 428^a; *mig.* '39, 252^a, 253–254^a; *nid.*
 '31, 391–404, '40, 208; *note*, '31, 389–
 390, '39, 258–261; *paras.* '37, 501;
song, '31, 387–389, '34, 506^a, '35, 40–
 52^a, '38, 267^a, 620–621^a, '39, 259–260;
wt. '38, 419^a, 422^a, 423^a, 425, 427^a, 431^a,
 433–435^a, 436, 437, 449–457^a, 515;
wing area, '38, 512^a, 515; *misc.* '31,
 542^a, 543^a, 544^a, '33, 123, '36, 281^a,
 284^a, 471^a, '37, 332, '38, 465^a, 466–467^a,
 '39, 272^a, '40, 121^a, 168^a, 217^a.
melodia subsp., *Ont.* '39, 18.
morphna (*Rusty Song Sparrow),
eye, '38, 242^a.
pusillula (Alameda Song Sparrow),
Calif. '31, 30.—*hbt.* '31, 30.
Melozone grandis, *Mex.* '39, 100.
grisior, *Mex.* '33, 381.
hartwegi, *Mex.* '39, 100.
 melpomene (Catharus), see Catharus.
 menadensis (Otus), see Otus.
Mendall, Howard Lewis.
 Orange-crowned warbler (Vermivora
 celata celata) in Maine, '35, 192–193.
 The relationship of certain sea birds to
 the fishing industry of the State of
 Maine (rev.), '35, 337–338.
 Nest-building instinct in an immature
 double-crested cormorant (Phalacro-
 corax auritus auritus), '36, 202–203.
 Home life and economic status of the
 double-crested cormorant (rev.), '37,
 213–214.

- Little blue heron in the interior of northern Maine, '37, 382.
 Nesting of the bay-breasted warbler, '37, 429-439.
 Ring-necked duck breeding in eastern North America, '38, 401-404.
 Food habits of the herring gull in relation to fresh-water game fishes in Maine (rev.), '40, 274.
 Observations of the double-crested cormorant (*Phalacrocorax auritus auritus*) (rev.), '40, 436.
Mendall, H. L., and Gashwiler, J. S.
 Water bulrush as a food of waterfowl, '40, 245-246.
mediculus (*Spheniscus*), see *Spheniscus*.
Menegaux, Henri Auguste, 1857-1937.
 Les oiseaux de France (rev.), vol. i, '33, 242; vol. ii, '35, 111; vol. iii, '38, 688; vol. iv, '39, 349-350.
 Obituary, '39, 122.
Mengel, Robert Morrow.
 Notes from eastern Kentucky, '40, 424.
menstruus (*Pionus*), see *Pionus*.
Mentocrex, tax. '33, 249.
berliosi, *Mad.* '34, 423.
kioloides (*Gallinula*, *Canirallus*), *Mad.* '37, 215^a.—*tax.* '33, 249, 249^b.
Menura novae-hollandiae (*Australian Lyre-bird, Lyre-bird*), *hbt.* '34, 111^a, '39, 246; *tax.* '39, 245-246.
Menuriformes, '39, 246.
Mensbier, Michael Alexandrovich, 1855-1935.
 Obituary, '37, 125.
menzbieri (*Limosa*), see *Limosa*.
Merganetta colombiana (*Spine-tailed Duck*), *Ecuad.* '34, 149.
Merganser, American, see *Mergus americanus*.
 Hooded, see *Lophodytes cucullatus*.
 Red-breasted, see *Mergus serrator*.
merganser (*Mergus*), see *Mergus*.
Mergellus albellus (*Smew*), *Engl.* '38, 149-150^a.—*courtship*, '38, 150^a; *misc.* '38, 306^a.
Mergus americanus (*American Merganser, Sheldrake*), *Acadia*, '39, 287^a, '40, 79^a; *Ark.* '31, 236; *B. C.* '36, 358, '38, 152^a; *Conn. Val.* '32, 362; *Fla.* '31, 247^a; *Mass.* '32, 442-444, '37, 377^a; *N. B.* '34, 229; *N. H.* '35, 303, '36, 225; *N. C.* '36, 227; *O.* '31, 367, '40, 563-564^a; *Okla.* '38, 502; *Pa.* '35, 198; *Wisc.* '36, 324, 325^a.—*anat.* '34, 229; *economics*, '38, 152-153^a; *egg*, '40, 55^a; *eye*, '32, 462; *fd.* '33, 141^a, '38, 153^a, '39, 103^a; *incub.* '40, 55^a, 58^a; *nomen.* '40, 78^a; *misc.* '35, 470.
major, *Greenl.* '33, 135.
merganser (*Goosander*), *Switz.* '40, 275.—*eye*, '38, 231; *misc.* '38, 306^a.
serrator (*Red-breasted Merganser*), *Ark.* '36, 349; *Baf. I.* '40, 14^a; *Conn.* '33, 444; *Great Lakes*, '32, 235^a; *Greenl.* '33, 135; *Holl.* '38, 569; *Labr.* '37, 21; *Man.* '35, 203; *Md.* '40, 412; *Mass.* '32, 442-444, '33, 445, '34, 513; *Mex.* '35, 251, 424^a; *N. H.* '36, 225; *O.* '31, 374, 376^a, '40, 563-564^a; *Pa.* '34, 533, '35, 198; *Que.* '31, 244^a, '37, 383; *W. Va.* '36, 202, '38, 128, 130.—*egg*, '40, 55^a; *incub.* '40, 55^a, 58^a; *paras.* '37, 383; *wt.* '35, 203.
meridiana (*Henicorhina*), see *Henicorhina*.
meridensis (*Ciccaba*), see *Otus*.
 — (*Otus*), see *Otus*.
meridiana (*Myospiza*), see *Myospiza*.
meridionalis (*Chaetura*), see *Chaetura*.
 — (*Cinclus*), see *Cinclus*.
 — (*Heterospizias*), see *Heterospizias*.
 — (*Lanius*), see *Lanius*.
Merle, see *Turdus migratorius*.
Merlin, see *Falco aesalon*.
Meropes, Germ. '39, 345.
Merops, Java, '37, 233.
americanus (*Chestnut-headed Bee-eater*), *P. I.* '38, 214.—*fd.*, *hbt.*, *nid.*, '38, 214.
apiaster (*European Bee-eater*), *Germ.* '39, 353; *Rhodesia*, '37, 112^a.—*fd.* '37, 112^a.
ornatus (*Rainbow-bird*), *Bismark Arch.* '38, 152.—*ecol.* '40, 273^a.
philippinus (*Green-headed Bee-eater*), *P. I.* '38, 214-215.—*nid.* '38, 214-215.
Merriam, Clinton Hart.
 [Awarded the Roosevelt Medal], '31, 650.
merriami (*Meleagris*), see *Meleagris*.
 — (*Teratornis*), see *Teratornis*.
Merrill, Dayton Eugene.
 Trumpeter swan in New Mexico, '32, 460.
 Starling (*Sturnus vulgaris*) in Benton County, Arkansas, '35, 191.
merrilli (*Nyctidromus*), see *Nyctidromus*.
 — (*Otocoris*), see *Otocoris*.
Merriman, Robert Owen, 1895-1934.
 Obituary, '35, 67.
Mershon, William Butts.
 Note on the passenger pigeon, '31, 116.
merula (*Turdus*), see *Turdus*.
mesamericana (*Loxia*), see *Loxia*.
mesamericanus (*Otus*), see *Otus*.
meserythrus (*Crypturellus*), see *Crypturellus*.
Mesia, China, '40, 552.
argenteauris, *China*, '38, 576.
galbana, *Siam*, '38, 576.

- tahanensis*, *Siam*, '38, 576.
vernayi, *Siam*, '38, 576.
Mesoeneas unicolor, *Mad.* '37, 214, 215.
variegata, *Mad.* '37, 215.
mesoleuca (*Muscicapa*), see *Muscicapa*.
 — (*Rhynchothraupis*), see *Rhynchothraupis*.
mesoleucus (*Nuttallornis*), see *Nuttallornis*.
 — (*Troglodytes*), see *Troglodytes*.
mesomelas (*Icterus*), see *Icterus*.
mesonauta (*Phaethon*), see *P. aethereus*.
Mesopicus agmen, *Upper Volta*, '33, 254.
metallica (*Nectarinia*), see *Nectarinia*.
Metallura atrigularis, *Ecuad.* '34, 145, 149.—*nest*, *hbt.*, '34, 145, 152; *misc.* '33, 383.
primolina, *misc.* '33, 383.
Metopiana peposaca, *hyb.* '40, 591; *plm.* '32, 214–215.
Metzger, Charles Thomas, 1866–1934.
Obituary, '35, 67.
mexicana (*Ara*), see *Ara*.
 — (*Chloroceryle*), see *Chloroceryle*.
 — (*Coereba*), see *Coereba*.
 — (*Grus*), see *G. tabida*.
 — (*Henicorhina*), see *Henicorhina*.
 — (*Meleagris*), see *Meleagris*.
 — (*Sialia*), see *S. australis*.
 — (*Sitta*), see *Sitta*.
 — (*Sterna*), see *Sterna*.
 — (*Streptoprocne*), see *Streptoprocne*.
 — (*Sturnella*), see *Sturnella*.
 — (*Tachycineta*), see *Tachycineta*.
 — (*Vermivora*), see *Vermivora*.
mexicanoides (*Colaptes*), see *Colaptes*.
mexicanus (*Accipiter*), see *A. cooperi*.
 — (*Aechmophorus*), see *Aechmophorus*.
 — (*Carpodacus*), see *Carpodacus*.
 — (*Cassidix*), see *Cassidix*.
 — (*Catharus*), see *Catharus*.
 — (*Cinclus*), see *Cinclus*.
 — (*Colaptes*), see *Colaptes*.
 — (*Corvus*), see *Corvus*.
 — (*Falco*), see *Falco*.
 — (*Himantopus*), see *Himantopus*.
 — (*Megarhynchus*), see *Megarhynchus*.
 — (*Phaethornis*), see *Phaethornis*.
 — (*Psilorhinus*), see *Psilorhinus*.
 — (*Pyrocephalus*), see *Pyrocephalus*.
 — (*Trogon*), see *Trogon*.
 — (*Trogonurus*), see *Trogon*.
 — (*Vireo*), see *Vireo*.
Mexico.
 Bond, J., '36, 458.
 Brodkorb, P., '39, 100 (rev.), 353 (rev.), 447–450, '40, 542–549.
 Griscom, L., '33, 54–58, '34, 269 (rev.), '37, 192–199.
 Howard, Hildegard, '40, 272 (rev.).

- Huey, L. M., '35, 249–256.
 Kelso, L., '34, 522–523.
 Kelso, L., and Kelso, Estelle H., '36, 215–216.
 Lincoln, F. C., '33, 218–219.
 Long, W. S., '34, 515–516.
 Lowery, G. H., Jr., '38, 694 (rev.).
 Marsh, E. G., Jr., and Stevenson, J. O., '38, 286–287.
 Miller, L., '40, 592 (rev.).
 Moffitt, J., '38, 256–259.
 Moore, R. T., '35, 274–277, '38, 112–115, 306 (rev.), 576 (rev.), 695 (rev.), '39, 204 (rev.), 313–319, 337, 442–446, '40, 129 (rev.), 349–389.
 Moore, R. T., and Peters, J. L., '39, 38–56.
 Saunders, G. B., '34, 42–45.
 Sclater, W. L., '39, 206 (rev.).
 Sutton, G. M., '40, 419.
 Sutton, G. M., and Burleigh, T. D., '39, 71–72, 174–175, 500 (rev.), '40, 234–243, 398–400, 439 (rev.).
 Van Rossem, A. J., '31, 33–39, 454–455 (rev.), '33, 143 (rev.), '35, 208 (rev.), '39, 70, 109 (rev.), 127–128, 208 (rev.), '40, 132 (rev.), 594 (rev.).
 Van Rossem, A. J., and Hachisuka, Marquess, '38, 309 (rev.), 583 (rev.), '39, 208 (rev.).
 Van Tyne, J., '39, 208 (rev.).
 Zimmer, J. T., '38, 663–665.
Meyer, Karl Friedrich.
Psittacosis, '40, 330–332.
Meyer, Otto.
Australische Zugvögel im Bismarck-archipel (rev.), '38, 152.
Meyer, William Henry Karlsruh.
Analysis of barn owl pellets in Pennsylvania, '39, 187.
meyeri (*Pucrasia*), see *Pucrasia*.
Meylan, Olivier.
Contribution à l'étude de l'avifaune des Alpes (rev.), '37, 565.
Premiers résultats de l'exploration ornithologique de la Dombes (rev.), '39, 105.
Note sur le Goéland argenté Larus fuscus (argentatus) michahellis Neumann (rev.), '40, 129.
miamensis (*Lanius*), see *Lanius*.
 — (*Thryothorus*), see *Thryothorus*.
michahellis (*Larus*), see *Larus*.
Michael, Charles Wilson.
 Does the ouzel use its wings in swimming? (rev.), '39, 106.
Michener, Harold, and **Michener**, Josephine Rigden (Mrs. Harold Michener).
Variations in color of male house finches (rev.), '31, 308.

- Mockingbirds, their territories and individualities (rev.), '35, 344.
 Bars in flight feathers (rev.), '39, 106.
 The molt of house finches of the Pasadena region, California (rev.), '40, 592.
- Michigan.**
 Axtell, H. H., '38, 481-491.
 Baumgartner, F. M., '38, 523.
 Bazuin, C. W., '38, 125, 145 (rev.).
 Bishop, F., '39, 353 (rev.).
 Black, C. T., '34, 100.
 Boardman, E. T., and Barto, Elizabeth, '38, 568 (rev.).
 Brigham, E. M., Jr., '40, 125 (rev.).
 Brodtkorb, P., '34, 243, '36, 455.
 Bryens, O. McK., '32, 351, 358, '35, 95, '36, 341-342, '37, 541-542, '40, 270 (rev.), 430 (rev.).
 Bryens, O. McK., and Walkinshaw, L. H., '36, 210.
 Buell, Bertha G., '39, 493 (rev.).
 Burt, W. H., '36, 477 (rev.).
 Campbell, L. W., and Trautman, M. B., '36, 213-214.
 Davis, D. E., '31, 276-277.
 DuMond, F. L., '38, 301 (rev.), '39, 201 (rev.).
 Fargo, W. G., '32, 208-211, '37, 200-201.
 Ford, E. R., '31, 276.
 Ford, E. R., et al., '34, 545 (rev.).
 Frey, E. K., '34, 78, 81, 519.
 Gross, A. O., '31, 511.
 Gross, Margaret E., '39, 202 (rev.), '40, 127 (rev.), 271 (rev.).
 Hatt, R. T., '38, 536-537.
 Howard, W. J., '34, 513-514.
 Hyde, A. S., '40, 120-121 (rev.).
 Klingersmith, S., '40, 273 (rev.).
 Lawrence, C., and Pirnie, M. D., '40, 273 (rev.).
 Lincoln, F. C., '40, 569.
 Ludwig, C. C., '40, 591 (rev.).
 Magee, M. J., '32, 216-217, '34, 386-388.
 Manuel, C. G., '31, 592.
 Mershon, W. B., '31, 116.
 Olsen, R. E., '35, 100-101.
 Olsen, R. E., et al., '31, 424-425, 614.
 Pirnie, M. D., '40, 437 (rev.).
 Pitelka, F. A., '40, 437 (rev.).
 Rapp, F. W., '31, 461 (rev.).
 Raz, G. F., '35, 200-201.
 Roberts, T. S., '36, 339.
 Sturgeon, M. T., '40, 439 (rev.).
 Sutton, G. M., '35, 314-315, '36, 74-75.
 Trautman, M. B., '35, 201-202, '38, 528-529.
 Trautman, M. B., and van Tyne, J., '35, 457-458.
- Tyrrell, W. B., '31, 109-110, 114, 126, 131, 414-415, '34, 21-26.
 Underdown, C. E., '31, 612-613.
 Van Tyne, J., '33, 107-108, '34, 529-530, '35, 381, '36, 322, '39, 98-99 (rev.), 480-481.
 Walkinshaw, L. H., '31, 258-259, 417, 594-595, 606, 613, '34, 80, '35, 362-369, '36, 86, 220, '37, 307-320, 464-475, '39, 227-237, 361 (rev.), '40, 132 (rev.), 153-168, 277 (rev.), 595 (rev.).
 Weston, F. M., '34, 231-232.
 Wight, H. M., '31, 553-558.
 Wilson, Etta S., '31, 266-267, '34, 157-168, '35, 412-413.
 Wilson, K. A., '38, 187-197.
 Wing, L. W., '31, 131-133, 618, '34, 302-305, '40, 595 (rev.).
 Wood, N. A., '31, 616-618.
- Michigan Audubon Society.**
 [Publication of 'The Jack-Pine Warbler'], '38, 587.
- Michigan Bird Banders Association.**
 [Report of meeting] (rev.), '40, 587.
- Mickle, Henry Martyn.**
 [Receives testimonial from Biological Survey], '31, 333.
- micra* (Amazona), see Amazona.
- Micranous**, '38, 173.
- Micrastur extimus**, *Pan.* '37, 562.
interstes, *Pan.* '39, 310.—*flight*, *fd.*, *plm.*, '39, 310.
mirandollei, *Pan.* '33, 303.
naso, *Hond.* '36, 188.—*colors*, '36, 188.
- Microeca cucui**, *tax.*, '39, 208.
- Microhierax erythrogynus** (Philippine Pygmy Falcon), *P. I.* '38, 202.—*fd.*, *hbt.*, *nest*, '38, 202.
- Microligea vasta**, *Hispaniola*, '32, 133; *San Domingo*, '34, 271.
- micromeris* (Chordeiles), see Chordeiles.
- micronesiae* (Gallus), see Gallus.
- micronyx* (Buteogallus), see Urubitinga.
 — (Urubitinga), see Urubitinga.
- Micropalama himantopus** (*Stilt Sandpiper), *Alta.* '36, 245*; *Antigua*, '34, 360; *Aris.* '36, 211; *Ark.* '38, 285; *Ill.* '33, 372, '34, 402; *Ind.* '33, 371; *Ia.* '35, 84; *Me.* '38, 551; *Man.* '32, 367*, '35, 204, '37, 574*; *Md.* '38, 127; *Mex.* '36, 211; *Miss.* '39, 500*; *N. J.* '31, 419*, 420, '32, 470-474, '33, 100*; *N. C.* '37, 454; *O.* '31, 596*; *Okla.* '36, 432, '38, 503; *Pan.* '35, 325, 326; *Pa.* '33, 230; *S. C.* '31, 417, 597, '36, 80, 329; *Tex.* '35, 99, '38, 67; *Va.* '33, 195; *Wisc.* '31, 282.—*fd.* '34, 360; *hbt.* '31, 182*, 183*; *mig.* '36, 329, '38, 67; *nest*, '32,

- 367*; *nomen*. '40, 78*; *wt.* '35, 204; *wt. of egg*. '35, 204.
- Micropallas whitneyi** (*Elf Owl), *Ariz.* '37, 63-64; *Tex.* '35, 324.—*eye-shine*, '37, 64; *nest*, '35, 324; *note*, '37, 64; *misc.* '36, 119*.
- Micropodidae**, *Afr.* '40, 318; *Pan.* '39, 81.—*eye*, '38, 239.
- Micropodiformes**, *Argent.* '38, 584.—*eye*, '38, 230, 236, 239, 241; *hbt.* '40, 176; *incub.* '40, 59; *misc.* '37, 506, '38, 559, 572, 655.
- Micropodii**, *eye*, '38, 236, 239.
- Micropsitta**, *anat.* '36, 122.
- Micropus**, *incub.* '40, 322, 323.
- abessynicus*, *type loc.* '38, 302.
- africanus*, *misc.* '36, 131.
- barbatus* (*Cypselus*), *type loc.* '38, 571^b.
- caffer*, *Afr.* '40, 313.—*nid.* '40, 313.
- lawsonae*, *Nyasaland*, '33, 462.
- majoriae*, *Kalahari*, '36, 131.—*descr.* '36, 131.
- pacificus* (Fork-tailed Swift), *S. Australia*, '40, 269.
- struebellii*, *Afr.* '40, 313, 318.—*fledg., incub.*, '40, 318; *nid.* '40, 313.
- Microrhopias nigriventris**, *Peru*, '31, 149.
- quixensis** (Antwren), *hbt.* '34, 8.
- microrhyncha** (Chlorura), see Chlorura.
- microrhynchum** (Rhamphomicron), see Rhamphomicron.
- microrhynchus** (Cacicus), see Cacicus.
- (*Picus*), see *P. hessei*.
- Microsarcops cinereus** (*Blyth's Wattled Lapwing), *P. I.* '38, 172*.
- Microscelis**, *China*, '40, 552.—*misc.* '37, 215, 420.
- Microsittace ferruginea**, *misc.* '35, 449.
- minor*, *Chile, Patagonia*, '35, 449.
- Microsula**, *fos.* '38, 583.
- micrus** (Asturina), see Asturina.
- (*Pycnonotus*), see *Pycnonotus*.
- (*Vireo*), see *Vireo*.
- Middleton**, Raymond Jones.
- Interesting albinos, '36, 101.
- migrans** (Lanius), see Lanius.
- (*Milvus*), see *Milvus*.
- migratorius** (Ectopistes), see Ectopistes.
- (*Planesticus*), see *Turdus*.
- (*Turdus*), see *Turdus*.
- Migratory Bird Hunting Stamps.**
[Number issued in 1936], '38, 587.
- Migratory Bird Treaty with Mexico.**
[Signed February 7, 1936], '37, 426.
- militaris** (Trupialis), see Trupialis.
- Millais**, John Guille, 1865-1931.
- Obituary, '31, 472-473, '32, 69.
- Miller**, Alden Holmes.
- An extinct icterid from Shelter Cave, New Mexico, '32, 38-41.
- An auklet from the Eocene of Oregon (rev.), '32, 132.
- Systematic revision and natural history of the American shrikes (*Lanius*) (rev.), '32, 116-118.
- The fossil passerine birds from the Pleistocene of Carpinteria, California (rev.), '32, 382.
- Postjuvinal molt and the appearance of sexual characters of plumage in *Phainopepla nitens* (rev.), '33, 249.
- The Canada jays of northern Idaho (rev.), '34, 115.
- The vocal apparatus of some North American owls (rev.), '35, 122.
- Some breeding birds of the Pine Forest Mountains, Nevada, '35, 467-468.
- Structural modifications in the Hawaiian goose (*Nesochen sandvicensis*) (rev.), '37, 565.
- Biotic associations and life-zones in relation to the Pleistocene birds of California (rev.), '38, 576.
- Hybridization of juncos in captivity (rev.), '38, 695.
- [Notice of fifty-seventh stated meeting of A. O. U.], '39, 125.
- Status of the breeding Lincoln's sparrows of Oregon, '39, 342-343.
- Analysis of some hybrid populations of juncos (rev.), '40, 129.
- A hybrid between *Zonotrichia coronata* and *Zonotrichia leucophrys* (rev.), '40, 274.
- The pine grosbeak of the Cascade Mountains, Washington, '40, 420-421.
- A transition island in the Mohave Desert (rev.), '40, 592.
- Miller, A. H., and Compton, L. V.**
 Two fossil birds from the lower Miocene of South Dakota (rev.), '40, 129.
- Miller, A. H., and Fisher, H. I.**
 The pterylosis of the California Condor (rev.), '39, 204.
- Miller, A. H., and Howard, Hildegard.**
 see Howard and Miller.
- Miller, A. H., and McCabe, T. T.**
 Racial differentiation in *Passerella (Melospiza) lincolni* (rev.), '35, 345.
- Miller, Loye Holmes.**
 A Pleistocene record of the flammulated screech owl (rev.), '33, 380.
- Feather studies on the California condor (rev.), '38, 305.
- Skeletal studies of the tropical hawk *Harpagus* (rev.), '38, 305.
- A study of the skull of the Pleistocene stork, *Ciconia maltha* Miller (rev.), '38, 695.

- The singing of the mockingbird (rev.), '39, 106.
 Song of the western wood pewee, '39, 188-189.
 A new Pleistocene turkey from Mexico (rev.), '40, 592.
- Miller, L. H., and Howard, Hildegard.**
 The status of the extinct condor-like birds of the Rancho La Brea Pleistocene (rev.), '38, 695.
- Miller, Richard Fields.**
 Yellow-crowned night heron nesting in Salem County, New Jersey, '40, 561.
- Miller, Robert Cunningham, and Curtis, Elizabeth L.**
 see Curtis and Miller.
- Miller, R. S.**
 The mangrove kingfisher (rev.), '37, 416.
 The helmeted friar-bird (rev.), '37, 565.
- Miller, Waldron DeWitt, 1879-1929.**
 In memoriam, '32, 1-8, por.
 milleri (Tangavius), see T. aeneus.
- Mills, Doris Huestis.**
 European goldfinch at Hanover, New Hampshire, '37, 544-545.
- Mills, Enos Abijah, 1870-1922.**
 Bird memories of the Rockies (rev.), '31, 627.
- Mills, Harlow Burgess.**
 Birds, bugs and blizzards in the Yellowstone (rev.), '38, 141-142.
- milne-edwardsi** (Pseudotantalus), see Pseudotantalus.
 — (Tantalus), see Pseudotantalus.
- Milvago, Guira host, '40, 213, 482.**
cordatus, Pan. '33, 303.
- Milvinae, '36, 59.**
- Milvus iclinus** (*Red Kite), *Jerusalem*, '33, 185.—*misc.* '35, 487, '36, 123^a.
migrans (Black Kite, Kite, ^bkor-schun), *Jerusalem*, '33, 185.—*fd.* '34, 258, 416^b, 417^b; *hbt.* '40, 175; *tax.* '34, 274; *misc.* '32, 267.
milvus (*Kite), *Germ.* '38, 579^a; *Switz.* '38, 570.—*fd.* '34, 258, 416.
- mimica** (Protostrix), see Protostrix.
- Mimidae, adaptation, '40, 431; eye, '38, 240; hbt. '40, 176; myol. '38, 642, 649; plm. '36, 167; song, '38, 264, 266.**
- mimika** (Quoyornis), see Quoyornis.
- Mimocichla rubripes** (*Blue Thrush), *Cuba*, '36, 437^a.
- Mimus, '40, 475.**
clarus, Mex. '35, 208.
columbianus (*melanopterus), *Colom.* '32, 133.—*nomen.* '32, 133, 133^b.
frater (Brazilian Mockingbird), *Bras.* '38, 43.—*cowbird host*, '38, 41-43.
gilvus (Graceful Mockingbird), *Br.*
- Guiana*, '31, 56; *Pan.* '33, 125.—*hbt.* '31, 53, 54, 56.
gundlachi (Bahaman Mockingbird), *Bah. I.* '38, 52.
leucopterus (*Western Mockingbird, Mockingbird), *Aris.* '39, 324; *Calif.* '34, 178, '35, 429, 481^a, '38, 547^a; *Mex.* '35, 255; *Pan.* '35, 326.—*avic.* '37, 558^a; *behav.* '35, 344^a; *destr.* '38, 547^a; *dist.* '35, 429; *hbt.* '34, 178; *song.* '39, 106^a.
**leucoterus, Colom. '32, 133.
longicaudatus, Peru, '40, 257.—
cowbird host, '40, 257.
**patagonicus, Argent. '38, 43.—*cowbird host*, '38, 43.
polyglottos (*Eastern Mockingbird, Mockingbird), *Ark.* '31, 239, '39, 477^a; *Cuba*, '36, 437^a; *Fla.* '38, 540^a, '40, 404^a, 405^a; *Ga.* '32, 353^a; *H. I.* '38, 578^a; *Ill.* '38, 537; *Me.* '40, 403^a; *Man.* '40, 432; *Mass.* '31, 130^a, '32, 233, '35, 90, 191; *Mich.* '40, 127^a, 273^a; *N. H.* '36, 94; *N. Y.* '33, 446; *O.* '36, 228; *Ont.* '36, 340; *Pa.* '32, 234, '34, 382; *Tenn.* '35, 370, '37, 223^a; *Vi.* '36, 94; *Va.* '33, 452^a; *Wisc.* '34, 254, '35, 90.—*blood.* '37, 517; *dance.* '35, 373; *feather count.* '36, 167^a; *fd.* '33, 452^a; *hbt.* '35, 370, '37, 223^a; *mig.* '35, 370; *mimicry.* '40, 187, 204^a, 269^a; *myol.* '38, 642; *nest.* '31, 130^a, '32, 353^a, '35, 378; *plm.* '35, 380; *song.* '34, 554^a, '35, 373, '40, 574^a; *ter.* '35, 370-373; *wt.* '31, 574, '36, 340; *misc.* '31, 543^a, '34, 205^a, '36, 72^a, 355^a, '40, 205^a.
tobagensis (Tobago Graceful Mockingbird), *Trin.* '38, 43.—*cowbird host*, '38, 41-43.****
- mindanaoensis** (Phapitreron), see Phapitreron.
- mindanensis** (Copsychus), see Copsychus.
- mindorensis** (Centropus), see Centropus.
- (Muscicapula), see Muscicapula.
- Miner, Manley F.**
 American egret at Kingsville, Ontario, '33, 428.
- Minerva antiqua, fos., stat., '35, 215, 361.**
- miniakorum** (Dryobates), see Dryobates.
- miniatus** (Myioborus), see Myioborus.
- minima** (Branta), see Branta.
- (Chalcophaps), see Chalcophaps.
- (Ciccaba), see Otus.
- (Hylocichla), see Hylocichla.
- (Mellisuga), see Mellisuga.
- (Otus), see Otus.
- (Petrochelidon), see Petrochelidon.
- minimus** (Alseonax), see Alseonax.
- (Caprimulgus), see Caprimulgus.
- (Empidonax), see Empidonax.
- (Lymnocyrtus), see Lymnocyrtus.

- (Molothrus), see Molothrus.
 — (Psaltiriparus), see Psaltiriparus.
 — (Turdus), see *Hylocichla aliciae*.
Minla ciera, *nomen*, '36, 475.
Minnesota.
 Bell, F., '37, 560 (rev.).
 Berthel, R., '38, 689 (rev.).
 Boardman, W. B., '40, 125 (rev.).
 Breckenridge, W. J., '32, 345, '40, 269 (rev.), 411-412.
 Breckenridge, W. J., and Errington, P. L., '38, 669.
 Commons, Marie A., '39, 97-98 (rev.).
 Eifrig, C. W. G., '33, 436.
 Engstrom, H. R., '40, 588 (rev.).
 Gabrielson, I. N., '37, 220 (rev.).
 Gross, A. O., '31, 511.
 Hiemenz, N. M., et al., '35, 456-457.
 Murie, A., '34, 231.
 Nelson, U. C., '40, 274 (rev.).
 Peterson, Mrs. C. E., '35, 95.
 Peterson, N. T., and Peterson, Mrs. N. T., '36, 342.
 Risser, A. F., '31, 417, 435, '33, 123-124.
 Roberts, T. S., '32, 368-370 (rev.), '34, 541-542 (rev.), '38, 563-564 (rev.), '40, 427-428 (rev.).
 Rysgaard, G. N., '38, 697 (rev.), '39, 499 (rev.).
 Swedenborg, E. D., '39, 500 (rev.).
 Thompson, M. D., '40, 276 (rev.).
Minnesota Bird Club.
 [Publication of 'The Flicker'], '38, 587.
Mino, *N. Guinea*, '38, 694.—*tax*, '38, 694.
 minor (Chordeiles), see Chordeiles.
 — (Coccyzus), see Coccyzus.
 — (Crucirostra), see *Loxia pusilla*.
 — (Cyanocompsa), see *Cyanocompsa*.
 — (Dendrocopus), see *Dendrocopus*.
 — (Dryobates), see *Dryobates*.
 — (Estrilda), see *Estrilda*.
 — (Eudiptula), see *Eudiptula*.
 — (Foudia), see *Foudia*.
 — (Fregata), see *Fregata*.
 — (Indicator), see *Indicator*.
 — (Loxia), see *L. pusilla*.
 — (Microsittace), see *Microsittace*.
 — (Monasa), see *Monasa*.
 — (Parus), see *Parus*.
 — (Philohela), see *Philohela*.
 — (Phylloscopus), see *Phylloscopus*.
 — (Rhopodytes), see *Rhopodytes*.
 minullus (Accipiter), see *Accipiter*.
 minusculus (Euphagus), see *Euphagus*.
 minuta (Sporophila), see *Sporophila*.
 minutilla (Pisobia), see *Pisobia*.
 minutillus (Chalcites), see *Chalcites*.
 minutissimum (Glaucidium), see *Glaucidium*.
 minutus (Calidris), see *Calidris*.

- (Ixobrychus), see *Ixobrychus*.
 — (Larus), see *Larus*.
 — (Xenops), see *Xenops*.
 miocaenus (Archaeophasianus), see *Archaeophasianus*.
 — (Palaeochenoides), see *Palaeochenoides*.
 — (Phasianus), see *Archaeophasianus*.
Miocorax femoralis (^b*Phalacrocorax*), *tax*, '34, 262, '35, 75^b.
Miocorvus, *tax*, '34, 262.
Miofulica, *tax*, '34, 262.
Miogallus, *tax*, '34, 262.
Mionectes olivaceus, *Pan.*, '33, 301.
Miophasianus, *fos.*, '37, 407; *tax*, '34, 262.
Miorallus, *tax*, '34, 262.
 mira (Eudromia), see *Eudromia*.
 — (Porzana), see *Porzana*.
 mirabilis (Ammospiza), see *Ammospiza*.
 — (Cyanolyca), see *Cyanolyca*.
 — (Poephila), see *Poephila*.
Mirafra, *Afr.*, '40, 127.
 aliena, *N. Guinea*, '35, 208.
 beaulieu, *Indo-China*, '33, 148.
 fischeri (^a*Flappet Lark*), *Rhodesia*, '36, 106^a.—*hbt.*, '36, 106^a.
 khangorensis, *Sudan*, '40, 587.
 kidepoensis, *Afr.*, '40, 435.
 lynesii, *Kordofan*, '33, 462.
 nyikae, *Nyasaland*, '39, 492.
 philippensis (Philippine Bush Lark), *P. I.*, '38, 215.—*hbt., nid.*, '38, 215.
 miranda (Daphoenositta), see *Daphoenositta*.
Miranda-Ribeiro, Alipio de.
 A seriem—*notas ornithologicas xii* (rev.), '38, 695.
 Notas ornithologicas (xiii) *Tinamidae* (rev.), '38, 695.
 mirandae (Vireo), see *Vireo*.
 mirandollei (Micrastur), see *Micrastur*.
Miro longipes (North Island Robin), *N. Z.*, '34, 491.
 mirus (Chondrohierax), see *Chondrohierax*.
Misocalius osculans (^a*Black-eared Cuckoo*), *hbt.*, '33, 385-395^a.
Mississippi.
 Burleigh, T. D., and Lowery, G. H., Jr., '40, 575.
 Chapman, F. M., '39, 28-31.
 Coffey, B. B., Jr., '40, 126 (rev.).
 McClanahan, R. C., '38, 273.
 McIlhenny, E. A., '33, 439, '35, 188, '38, 598-602.
 Vaiden, M. G., '38, 156-157 (rev.), '39, 343, 500 (rev.), '40, 132 (rev.), 594 (rev.).
 mississippiensis (Ictinia), see *Ictinia*.
Missouri.
 Adams, I. C., '33, 107.

- Bailey, A. M., '39, 335.
 Baumgartner, F. M., '34, 537-538.
 Bennitt, R., '34, 112-113 (rev.), '38, 568 (rev.).
 Bennitt, R., and Nagel, W. O., '38, 142 (rev.).
 De Garis, C. F., '36, 418-420.
 Musselman, T. E., '35, 444, '37, 393.
 Teachenor, D., '40, 573.
 Walters, D. L., '39, 109 (rev.).
 Mistletoe-bird, see *Dicaeum hirundinaceum*.
Mitchell, Catharine Adams.
 Roseate spoonbills in Florida, '31, 259.
Mitchell, Harold Dies.
 Some recent records from the Niagara frontier, New York, '34, 392-393.
Mitchell, Margaret H.
 Mockingbird at Nantucket, Mass., '35, 191.
 The passenger pigeon in Ontario (rev.), '36, 113.
 Revision of birds of Miners Bay and vicinity, Haliburton County, Ontario (rev.), '38, 306.
Mitrephanes, Peru, '39, 110.
hidalgensis, Mex. '40, 439.
pallidus, Guat. '36, 241.—*tax.* '37, 540.
mitu (Mitua), see Mitua.
Mitua mitu, *misc.* '31, 469.
Mixornis, *tax.* '36, 248; *misc.* '35, 219.
argentea, Borneo, '31, 459.
flavicollis, *tax.* '36, 248.
gularis, *tax.* '36, 248.
ticehursti, Burma, '40, 439.
mixta (Batis), see Batis.
mizunoi (Parus), see Parus.
Mniotilta varia (*Black and White Warbler). *Ala.* '38, 282; *Antigua*, '39, 305; *D. C.* '38, 679; *Labr.* '31, 129; *Mex.* '40, 236, 241; *N. Y.* '36, 449; '40, 256; *O.* '34, 386; *Ont.* '39, 18; *Pan.* '35, 327; *S. C.* '32, 225; *Wyo.* '34, 256.—*blood*, '37, 518; *cowbird host*, '34, 386; *destr.* '38, 679; *feather count*, '36, 163; 167; *hbt.* '36, 126; *mig.* '34, 256; *song*, '34, 504; '35, 40-52; '37, 307; '38, 266-267; *wt.* '38, 443, 514; *wing area*, '38, 514.
Mniotiltidae, *plm.* '36, 167; *wt.* '38, 653.
 Moa, see *Dinornis*.
mochae (*Scelorchilus*), see *Scelorchilus*.
 — (Turdus), see Turdus.
mocinno (*Pharomacrus*), see *Pharomacrus*.
 Mockingbird, see *Mimus leucopterus* and *M. polyglottos*.
 Bahaman, see *Mimus gundlachii*.
 Brazilian, see *Mimus frater*.
 Eastern, see *Mimus polyglottos*.
 Graceful, see *Mimus gilvus*.
 Tobago Graceful, see *Mimus tobagensis*.
 Western, see *Mimus leucopterus*.
modestus (*Thryophilus*), see *Thryophilus*.
 — (Vireo), see Vireo.
modularis (*Prunella*), see *Prunella*.
Moffitt, James.
 The downy young of some foreign species of ducks and geese, '32, 214-215.
 Two southern petrels in the north Pacific, '38, 255-259.
 The white-cheeked goose in California (rev.), '38, 306.
 Waterfowl shooting losses indicated by banding returns (rev.), '38, 306.
 Seventh annual black brant census in California (rev.), '38, 576.
 The downy young of *Dendragapus*, '38, 589-595.
 Eighth annual black brant census in California (rev.), '39, 357.
 Notes on the distribution of whistling swan and Canada goose in California (rev.), '39, 497.
 Notes on the distribution of the lesser Canada goose and cackling goose in California (rev.), '40, 129.
 Ninth annual black brant census in California (rev.), '40, 436.
moffitti (*Gennaeus*), see *Gennaeus*.
mogenseni (*Piaya*), see *Piaya*.
Mohoua albicilla (Whitehead), *N. Z.* '34, 492.
molitor (Batis), see Batis.
mollissima (*Somateria*), see *Somateria*.
molothroides (*Pyelorchampus*), see *Pyelorchampus*.
Molothrus, *hbt.* '40, 483.
artemisiae (Nevada Cowbird, Sagebrush Cowbird), *Utah*, '39, 77.—*hosts*, '31, 60, '38, 46-50, '39, 77; *misc.* '38, 546.
ater (*Eastern Cowbird, North American Cowbird, Cowbird, Cow Bunting), *Ala.* '40, 575; *Fla.* '40, 574; *Ill.* '34, 101, '39, 451-455; *Ia.* '39, 36; *Kans.* '36, 451; *Labr.* '39, 352; *La.* '37, 293, '40, 90; *Md.* '38, 543; *Mass.* '36, 225; *Mich.* '38, 149; *N. Y.* '34, 242, '40, 256; *N. C.* '37, 459; *O.* '31, 372, '33, 120, '34, 385, '37, 189-190, 326, '38, 153; *Ont.* '38, 545-546, '39, 18; *Pa.* '38, 260-262; *Que.* '37, 544; *S. C.* '36, 315; *Tenn.* '34, 384; *Tex.* '35, 99; *Wisc.* '40, 118.—*band.* '33, 120, '40, 90; *behav.* '40, 173, 274; *destr.* '39, 451-455; *dist.* '38, 138; *feather count*, '36, 168; *hbt.* '34, 187, 242, '36, 360; '39, 263 '40, 39, 87; *homing instinct*, '39,

- 211^a; *hosts*, '31, 58, 59, '34, 384-386, '37, 189, 544, '38, 45-49, 149, 153^a, 260-262, 543, 545-546, 546, '40, 118, 212^a, 273^a; *incub.* '38, 153^a; *pl.* '34, 196; *sex ratio*, '40, 90; *wt.* '37, 326, '38, 419^a, 422-423^a, 427^a, 435-437, 445^a, 515; *wing area*, '38, 515; *misc.* '35, 483^a, '36, 58^a, 59^a, 65^a, 88^a, 356^a, '37, 318^a, '38, 288^a, '39, 261, 348^a.
- bonariensis* (Shiny Cowbird), *Argent.* '38, 42-45; *Braz.* '38, 43-45; *S. Am.* '36, 363; *Urug.* '40, 517.—*hbt.* '34, 124, '40, 481; *hosts*, '31, 52, 53, '34, 423, '38, 41-45; *paras.* '40, 517.
- buphilus*, *La.* '39, 92.—*dist.* '39, 92.
- cabanisi* (Cabanis's Shiny Cowbird), *hosts*, '31, 54.
- melanogyna* (Dark Shiny Cowbird), *Braz.* '38, 43-45.—*hosts*, '38, 42-45.
- minimus* (Glossy Cowbird, Small Shiny Cowbird, Dwarf Cowbird), *Trin.* '37, 560^a; *W. I.* '32, 96, '38, 42-45.—*dist.* '32, 496; *hosts*, '31, 54, '38, 42-45.
- obscurus* (Dwarf Cowbird), *Calif.* '35, 429, '38, 546.—*dist.* '35, 429; *hosts*, '31, 60, '38, 46-50, 546.
- occidentalis* (Shiny Cowbird), *Peru*, '40, 257.—*hosts*, '40, 257.
- riparius*, *Braz.* '37, 562.
- rufoaxillaris*, *hbt.* '40, 481.
- Molt.**
- Anas platyrhynchos*, '38, 157 (rev.), 582 (rev.).
- Anatidae, '39, 207 (rev.).
- Bycanistes buccinator*, '38, 581 (rev.).
- Carpodacus mexicanus*, '40, 592 (rev.).
- Clangula hyemalis*, '32, 42-51.
- Fringillidae (8 sp.), '36, 110-111 (rev.).
- Gavia*, '31, 105.
- Gymnogyps californianus*, '38, 305 (rev.).
- Hypacanthus spinoides*, '40, 440 (rev.).
- Mimus polyglottos*, '35, 380.
- Passerina ciris*, '33, 121.
- Phainopepla nitens*, '33, 249 (rev.).
- Ploceidae, '40, 485-498.
- Puffinus*, '31, 638 (rev.).
- Rallus longirostris*, '38, 306 (rev.).
- Rhyticeros plicatus*, '37, 421 (rev.).
- Spizella arborea*, '38, 603-608.
- Spizella passerina*, '38, 156 (rev.).
- Telmatodytes palustris*, '37, 229-230 (rev.).
- Uria aalge*, '38, 529-530, '39, 81.
- Vireo flavoviridis*, '31, 580, 585.
- Moltoni**, Edgardo.
- I Coracidi (Coraciidae) esistenti nell' Africa Orientale Italiana (rev.), '39, 357.
- moltonii* (Sylvia), see Sylvia.
- moluccanus* (Trichoglossus), see Trichoglossus.
- momiyamae* (Strix), see Strix.
- Momotus lessoni** (Lesson's Motmot), *Guat.* '37, 144^a; *Hond.* '36, 190; *Pan.* '38, 144^a.—*colors*, '36, 190; *fd.* '36, 190.
- vanrossemi*, *Mex.* '33, 141.
- Monachalcyon erythrorhamphus**, *Celebes*, '31, 640.
- monachus* (Bolborhynchus), see Myiopsitta.
- (Centropus), see Centropus.
- (Myiopsitta), see Myiopsitta.
- (Necrosyrtes), see Necrosyrtes.
- Monarcha aruensis**, *N. Guinea*, '34, 560.
- boanensis*, *Boano I.* '40, 269.
- canescens*, *misc.* '31, 314.
- praerepta*, *N. Guinea*, '36, 247.
- Monasa canescens**, *S. Am.* '38, 309.
- fidelis*, *Pan.* '33, 303.—*tax.* '33, 303.
- flavirostris*, *tax.* '33, 304.
- grandior*, *tax.* '33, 303.
- minor*, *tax.* '33, 304.
- morphoeus*, *tax.* '33, 303.
- nigra*, *tax.* '33, 304.
- nigritrons*, *tax.* '33, 304.
- pallescens*, *tax.* '33, 303.
- peruana*, *tax.* '33, 303.
- sclateri*, *tax.* '33, 303.
- similis*, *tax.* '33, 303.
- monedula* (Coloeus), see Coloeus.
- Mongolia.**
- Meinertzhagen, R., '38, 695 (rev.).
- mongolicus* (Struthio), see Struthio.
- Monias**, *Mad.* '37, 215.
- moniliger* (Garrulax), see Garrulax.
- monocerata* (Cerorhinca), see Cerorhinca.
- Monroe**, Burt Leavelle.
- Sandhill crane in Kentucky, '38, 670.
- Some rarer birds at the Falls of the Ohio, '38, 678.
- European widgeon at Louisville, Kentucky, '39, 471.
- Red phalarope in Kentucky, '40, 111.
- Montagna**, William.
- Short-eared owl and orange-crowned warbler in West Virginia, '39, 187-188.
- Pine grosbeak in the northern West Virginia panhandle, '39, 342.
- Feeding behavior of a northern shrike, '39, 456-459.
- European goldfinch in New York, '40, 575-576.
- montagnii* (Penelope), see Penelope.
- montaguae* (Saucerotia), see Saucerottia.
- Montana.**
- Baumgartner, F. M., '34, 537-538.
- DuBois, A. D., '38, 571 (rev.), 629-641.
- Leffingwell, Mrs. D. J., '31, 125.
- Lincoln, F. C., '36, 320.

- Lumley, E. D., '34, 239-240.
 Welch, C. M., '36, 230-231.
 Weydemeyer, W., '32, 228, 231-232, 456, 461, 491-492, '33, 210-211, 362-363, 365, '34, 86-87, 89-90, 379-380, 384, 531, '35, 188-189, 202-203, 453.
montana (Emberiza), see *E. sushkiniana*.
 — (*Eupoda*), see *Eupoda*.
 — (*Hesperiphona*), see *Hesperiphona*.
 — (*Oreopeleia*), see *Oreopeleia*.
 — (*Penelope*), see *P. argyrotis*.
 — (*Perdix*), see *Perdix*.
 — (*Pinicola*), see *Pinicola*.
montanella (*Prunella*), see *Prunella*.
montanus (*Cinclus*), see *Cinclus*.
 — (*Oreoscoptes*), see *Oreoscoptes*.
 — (*Passer*), see *Passer*.
 — (*Peltops*), see *Peltops*.
 — (*Pericrocotus*), see *Pericrocotus*.
 — (*Pipilo*), see *Pipilo*.
 — (*Vireo*), see *Vireo*.
monteiri (*Lophoceros*), see *Lophoceros*.
montezuma (*Gymnostinops*), see *Gymnostinops*.
montezumae (*Cyrtonyx*), see *Cyrtonyx*.
Monticola cyanus (Blue Rock Thrush), *Jerusalem*, '33, 183.
 gularis (*White-throated Thrush), *China*, '38, 293*.
 madoci, *Malay States*, '40, 588.
monticola (*Bonasa*), see *Bonasa*.
 — (*Grallaria*), see *Grallaria*.
 — (*Nesillas*), see *Nesillas*.
 — (*Sericornis*), see *Sericornis*.
 — (*Spizella*), see *S. arborea*.
Montifringilla nivalis (*Snow Finch), *Fr.* '37, 565*.—*hbt.* '40, 435.
 theresae, *Afghanistan*, '38, 305.
 xerophila, *Humboldt Mts.* '32, 265.
montifringilla (*Fringilla*), see *Fringilla*.
 Moody, Arthur F.
 Water-fowl and game-birds in captivity (rev.), '33, 133.
 Moore, Amy Irene.
 [Obituary of] Wilfred August Welter, '40, 448.
 Moore, John Alexander.
 Short-eared owl (*Asio flammeus*) in Virginia, '31, 425.
 Moore, Louise C., and Bates, Clara.
 Unprecedented robin migration (rev.), '40, 129.
 Moore, Mrs. Nettie Louise Purdy, 1868-1931.
 Obituary, '32, 70.
 Moore, Robert Thomas.
 A new motmot from Mexico (rev.), '33, 141.
 A new race of *Aimophila carpalis* from Mexico (rev.), '33, 249.
 A new genus and species of tanager from Ecuador, '34, 1-7.
 The Mt. Sangay labyrinth and its fauna, '34, 141-156.
 A review of the races of *Geococcyx velox* (rev.), '35, 121.
 A new jay of the genus *Cyanocorax* from Sinaloa, Mexico, '35, 274-277.
 New birds from northwestern Mexico (rev.), '35, 342.
 A new race of Finsch's parrot, '37, 528-529.
 A new race of wild turkey, '38, 112-115.
 A new race of *Chubbia jamesoni* from Colombia (rev.), '38, 152.
 New races of *Myadestes*, *Spizella* and *Turdus* from northwestern Mexico (rev.), '38, 306.
 Rediscovery of *Agyrtria luciae* (Lawrence), '38, 534.
 New races in the genera of *Vireo* and *Buarremon* from Sinaloa (rev.), '38, 695.
 Discovery of the nest and eggs of the tufted jay (rev.), '39, 204.
 The Arizona broad-billed hummingbird, '39, 313-319.
 Doricha enicura in Honduras and Chiapas, Mexico, '39, 337.
 Habits of white-eared hummingbird in northwestern Mexico, '39, 442-446.
 Two new races of *Carpodacus mexicanus* (rev.), '40, 129.
 New races of the genera *Sialia* and *Carpodacus* from Mexico (rev.), '40, 129.
 A review of the house finches of the subgenus *Burrica* (rev.), '40, 129.
 Notes on Middle American Empidonacines, '40, 349-389.
 Moore, R. T., and Peters, J. L.
 The genus *Otus* of Mexico and Central America, '39, 38-56.
 Moore, William Henry.
 Serrations on the bill of the American merganser, '34, 229.
 Moorhen, see *Gallinula chloropus*.
 Dusky, see *Gallinula tenebrosa*.
 Morcom, George Frean, 1845-1932.
 Obituary, '32, 519-520, '33, 83.
morcomi (*Dendroica*), see D. brewsteri.
 More, Robert Lee.
 White-fronted geese wintering at Vernon, Texas, '32, 343.
 Moreau, Reginald Ernst.
 Der Herbstzug von *Lanius c. collaris* über das Mittelmeer (rev.), '38, 152.
 [A new race of the bar-throated warbler] (rev.), '38, 576.
 A contribution to the biology of the

- Musophagiformes, the so-called plant-eaters (rev.), '39, 204.
 Parental care by some African swallows and swifts (rev.), '40, 129.
 A new race of glass-eye from eastern Africa (rev.), '40, 274.
 Contributions to the ornithology of the East African islands (rev.), '40, 436.
 Numerical data on African birds' behaviour at the nest (rev.), '40, 592.
Moreau, R. E., and Moreau, Mrs. Winifred M.
 Biological and other notes on some East African birds (rev.), part 1, '37, 417; part 2, '37, 566.
 Observations on sand martins at the nest (rev.), '40, 129.
 Observations on swallows and house-martins at the nest (rev.), '40, 274.
 Incubation and fledging periods of African birds, '40, 313-325.
Moreau, R. E., and Sclater, W. L.
 The avifauna of the mountains along the Rift Valley in north central Tanganyika Territory (Mbulu District) (rev.), '38, 576.
 moreaui (Apalis), see Apalis.
 — (Bradypterus), see Bradypterus.
Morehouse, Beaumont John.
 Connecticut notes, '31, 277.
Moreno-mercaderia, tax. '34, 262.
Morgan, Ann Haven.
 Field book of animals in winter (rev.), '40, 122-123.
 morgenseni (Rhinoptynx), see Rhinoptynx.
 morinella (Arenaria), see Arenaria.
 morinellus (Charadrius), see Eudromias.
 — (Eudromias), see Eudromias.
Moris bassana (^aGannet, ^bSula), *Afr.* '38, 154^a; *Atlantic*, '32, 188; *Can.* '36, 248^a, 351^a; *Fla.* '31, 442; '35, 198, 300; *G. Br.* '36, 123^a, 248^a, 351^a; '39, 360^a, '40, 271^a, 428^a; *Ice.* '36, 248^a, 351^a, '37, 109^a; *Irel.* '39, 355^a, 357^a; *Md.* '33, 367; *Mass.* '39, 178^a; *N. H.* '39, 178^a; *N. Y.* '31, 256^b, '34, 392; *N. C.* '33, 231; *N. S.* '37, 17, 379-381; *Pa.* '33, 205; *Portugal*, '38, 154^a; *Que.* '37, 17; *Scott.* '38, 154^a, 580^a, '40, 128^a, 129^a; *Shelland*, '39, 202^a; *S. C.* '31, 109^b; *Spain*, '38, 154^a; *Vi.* '37, 547, '39, 178^a; *Wales*, '34, 120^a, '38, 148^a, 572^a, '39, 486^a.—*band.* '38, 154^a; *behav.* '37, 259^a; *dist.* '33, 201, '37, 379-380, '40, 271^a; *egg.* '40, 55^a; *flight.* '33, 313^a; *incub.* '40, 50^a, 55^a, 57^a; *mig.* '38, 154^a; *paras.* '37, 41; *misc.* '35, 484^a, '36, 64^a, '37, 401^a.
serrator (Australian Gannet), *N. Z.* '34, 490.
vagabundus, Calif., fos., '31, 148.
Morley, Averil.
 The black-tailed godwit in the British Isles, 1890-1937 (rev.), '40, 129.
Morley, L. C., and Wetmore, P. W.
 The etiology of ulcerative enteritis in upland game birds (rev.), '37, 224.
 moro (Tanygnathus), see Tanygnathus.
Morocco.
 Chaworth-Musters, J. L., '39, 493 (rev.).
 Lépiney and Németh, '38, 150 (rev.).
 Meinertzhagen, R., '39, 357 (rev.), '40, 436 (rev.).
 morphna (Melospiza), see Melospiza.
 morphoeus (Monasa), see Monasa.
Morphology.
 Beebe, W., '38, 689 (rev.).
 Brock, Gwendolen T., '38, 299 (rev.).
 De Beer, G. R., '38, 566 (rev.).
 Engels, W. L., '39, 202 (rev.), '40, 431 (rev.).
 Gilbert, P. W., '39, 57-63.
 Kelso, L., '40, 434.
 Mayaud, M., '32, 512 (rev.).
 Miller, A. H., '37, 565 (rev.).
 Scharnke, H., '32, 139 (rev.), 264 (rev.), 265 (rev.).
 Sick, H., '37, 567-568 (rev.), '38, 581 (rev.).
 Technau, G., '37, 228-229 (rev.).
Morris, Francis Orpen, 1810-1893.
 Biography, '38, 496-500.
Morrison, Alastair Robin Gwyn.
 Notes on the birds of north-east Iceland (rev.), '38, 576-577.
 Three new birds from the Department of Huancavelica, central Peru (rev.), '39, 205.
 A new coot from Peru (rev.), '39, 357.
 The birds of the Department of Huancavelica, Peru (rev.), '40, 129.
 Notes on Peruvian waterfowl (rev.), '40, 130.
 Notes on the birds of Lake Junin, central Peru (rev.), '40, 130.
Morrison, John L., Wiegers, C. R., and Hudson, G. E.
 see Wiegers, Hudson and Morrison.
Morrison-Scott, Terence Charles Stuart.
 A note on the distribution of the two shrews found in Jersey (rev.), '38, 577.
 Experiments on colour-vision in the satin bowerbird (Ptilonorhynchus violaceus), with other observations (rev.), '38, 577.
 The effectiveness of protective adaptations in insects with reference to an examination of stomach-contents of birds from Jidda (rev.), '39, 358.

Morse, Albert Pitts, 1863-1936.

Obituary, '36, 372-373, '37, 125.

mortoni (Fringilla), see Fringilla.

moschata (Cairina), see Cairina.

Moseley, Edwin Lincoln.

[Receives testimonial from Biological Survey], '31, 333.

mosquitus (Chrysolampis), see Chrysolampis.

mossambicus (Caprimulgus), see Caprimulgus.

Mostler, Gerhard.

Versuche zur Gedächtnisleistung der einheimischen insektenfressenden Vögel (rev.), '37, 566.

Motacilla alba (*White Wagtail), *Jerusalem*, '33, 179.—*dist.* '32, 514; *nest*, '39, 206; *paras.* '37, 506; *misc.* '35, 486, '36, 153.

cinerea (*Gray Wagtail), *band.* '36, 363; *tax.* '35, 219; *misc.* '40, 126.

flava (*Gray-headed Wagtail), *races*, '37, 108; *misc.* '35, 486, '38, 155.

leucocephala, *misc.* '40, 595.

lugubris (*British White Wagtail, Pied Wagtail), *Atlantic*, '40, 274.—*behav.* '38, 299; *misc.* '36, 153.

melanope, *misc.* '36, 250.

striata, *misc.* '36, 104.

thunbergi, *Germ.* '36, 122; *Swed.* '38, 155.—*charac.* '38, 155.

torrentium, *Zululand*, '40, 594.

motacilla (Seiurus), see Seiurus.

Motacillidae, *eye*, '38, 240; *hbt.* '40, 177.

Motmot, Blue-throated, see *Aspatha gularis*.

Lesson's, see *Momotus lessoni*.

Mouse-bird, Red-faced, see *Colius indicus*.

Mousley, William Henry.

A study of the home life of the alder flycatcher (*Empidonax traillii traillii*), '31, 547-552.

Bird actions during the total eclipse of the sun, August 31, 1932 [at Montreal, Canada], '33, 125-126.

[Obituary of] Norman Jefcoate Atkinson, '34, 135-136.

A study of the home life of the northern crested flycatcher (*Myiarchus crinitus boreus*), '34, 207-216.

Prairie horned larks perching in trees, '34, 239.

The earliest (1805) unpublished drawings of the flexibility of the upper mandible of the woodcock's bill, '34, 297-301.

A study of the home life of the short-billed marsh wren (*Cistothorus stellaris*), '34, 439-445.

A thrush (*Turdus iliacus*), with three legs, '35, 190.

[On the woodcock] (rev.), '35, 208-209.

The birth of a snipe family (*Capella delicata*), '35, 408-411.

The yellow-bellied sapsucker and the ruby-throated hummingbird as commensals, '35, 452.

Birth of a black duck family (*Anas rubripes tristis*), '36, 377-380.

Nesting habits of the spotted sandpiper, '37, 445-451.

Cowbird's egg in a red-wing's nest, '37, 544.

A study of a Virginia rail and sora rail at their nests (rev.), '38, 152.

Nesting behavior of Wilson's snipe and spotted sandpiper, '39, 129-133.

Home life of the American bittern (rev.), '39, 498.

Further notes on the nesting habits of the Virginia rail (rev.), '40, 592.

Mowbray, Louis Leon, and Bradlee, T. S. see Bradlee and Mowbray.

Moyer, John William.

Black-bellied and fulvous tree duck in Illinois, '31, 258.

Mueller, Walter Josef.

Parasitic jaeger (*Stercorarius parasiticus*) in Wisconsin, '34, 233.

Use of anaesthetics in bird surgery, '34, 538-539.

The magpie (*Pica pica hudsonia*) in Wisconsin, '35, 90.

Saw-whet owl apparently nesting in Wisconsin, '36, 447-448.

Muir, John, 1838-1914.

[Publication of his journals] (rev.), '38, 682-684.

Mulaik, Stanley.

An early nesting date for the great horned owl, '35, 187.

Mullen, Robert Alexander.

Speed of racing pigeons, '33, 374-375. *multicolor* (Todus), see Todus.

Munia cabanisi (*Cabanis's Weaver), *P. I.* '38, 199; *223*.—*fd.* '37, 110; *nid.* '38, 199; *223*.

jagori (Philippine Weaverbird), *P. I.* '38, 222-223.—*fd.* '35, 116, '38, 222; *nid.* '38, 222-223.

oryzivora (*Java Sparrow), *disease*, '40, 332; *misc.* '38, 694.

Munro, James Alexander.

Studies of waterfowl in the Cariboo region, British Columbia (rev.), '38, 306.

Nesting of the western grebe in British Columbia (rev.), '39, 498.

Food of ducks and coots at Swan Lake, British Columbia (rev.), '40, 130.

- Studies of waterfowl in British Columbia, Barrow's goldeneye, American goldeneye (rev.), '40, 274.
Food of the sharp-shinned hawk (rev.), '40, 592.
- Munro, J. A., and Clemens, W. A.**
The American merganser in British Columbia and its relation to the fish population (rev.), '38, 152-153.
munroi (*Dysmorodrepanis*), see *Dysmorodrepanis*.
munzneri (*Chlorophoneus*), see *Chlorophoneus*.
- Murie, Adolph.**
Chickadee occupies a robin nest, '33, 111.
Spotted sandpiper eludes eastern kingbird by diving, '34, 231.
- Murie, Olaus Johan.**
The birds of St. Lawrence Island, Alaska (rev.), '38, 306.
Four birds new to St. Lawrence Island, Alaska (rev.), '39, 106.
murina (*Acanthiza*), see *Acanthiza*.
— (Gerygone), see *Gerygone*.
— (*Orochelidon*), see *Orochelidon*.
- Murphey, Eugene Edmund.**
Observations on the bird life of the middle Savannah Valley 1890-1937 (rev.), '38, 696.
- Murphy, Charles B. G., and Rockefeller, J. S.**
see Rockefeller and Murphey.
- Murphy, Robert Cushman.**
[Transfer of Rothschild collection of birds from Tring, England, to American Museum, N. Y.], '32, 395-397.
A probable record of the Eskimo curlew (*Numenius borealis*) at Montauk Point, N. Y., '33, 101-102.
Stray sea birds and Atlantic storm tracks (rev.), '34, 413.
Oceanic birds of South America (notice), '35, 495; (rev.), '36, 234-236.
see Ardley, R. A. B., 'The birds of the South Orkney Islands' (rev.), '36, 459-461.
Dark skies—a scientific voyage . . . along the rainy Pacific shores of Colombia (rev.), '38, 577.
Birds collected during the Whitney South Sea Expedition. xxxvii. On pan-Antarctic terns (rev.), '38, 696.
Birds of the high seas (rev.), '39, 106.
The need of insular exploration as illustrated by birds (rev.), '39, 205.
Bahama pintail in Virginia, '39, 471-472.
- Whitney Memorial Hall of Pacific bird life (rev.), '40, 130.
Man-o'-war (rev.), '40, 130.
Purple sandpiper in South Carolina, '40, 401-402.
- Murphy, R. C., and Gregory, W. K.**
see Gregory and Murphy.
- Murphy, R. C., and Vogt, W.**
The dovekie influx of 1932, '33, 325-349.
- Murray, James Joseph.**
The voice of the blue-winged teal and of the shoveller, '31, 110-111.
The black vulture in the Tennessee mountains, '31, 117.
A late fall occurrence of the northern water-thrush, '31, 129.
Nashville warbler at Lexington, Virginia, '31, 276.
Pectoral sandpiper at Lexington, Virginia, '31, 418.
Late nesting of the house wren at Lexington, Virginia, '32, 90.
Notes from western North Carolina, '32, 103-104.
Wilson's warbler in western Virginia, '32, 226.
Color of the iris of the boat-tailed grackle in Virginia, '32, 227.
The winter status of the Carolina junco, '32, 359.
The lark bunting, an addition to the Virginia avifauna, '32, 359-360.
American egret in the Valley of Virginia, '32, 458.
Northern phalarope in the Dismal Swamp, Virginia, '32, 474-475.
Wayne's warbler, an addition to the Virginia avifauna, '32, 487-488.
Northern yellowthroat at Lexington, Virginia, '33, 118-119.
Additions to the Virginia avifauna since 1890, '33, 190-200.
American egret in western Virginia, '33, 206.
Notes from western North Carolina, '33, 232.
Teals resting on plowed ground, '33, 354.
Winter notes from Back Bay, Virginia and North Carolina, '33, 368.
A late-nesting colony of cliff swallows at Lexington, Virginia, '33, 439.
Notes from the Virginia mountains, '33, 447.
Mourning warbler and Lincoln's sparrow in western Virginia, '34, 90.
Breeding of the prairie horned lark at Lexington, Virginia, '34, 380.
The fish crow in the Valley of Virginia, '34, 381.

- A colony of little blue herons in Norfolk County, Virginia, '34, 510-511.
 Troglodytes aëdon baldwini—an addition to the breeding birds of Virginia, '34, 525.
 Short-billed marsh wren in the Valley of Virginia, '35, 456.
 Breeding of Swainson's warbler in Robeson County, North Carolina, '35, 459.
 Laughing gull in the North Carolina mountains, '36, 81.
 European teal at Lexington, Virginia, '36, 208.
 Disposal of egg-shells by the upland plover, '36, 211.
 Yellow rail at Lexington, Virginia, '38, 124.
 Raven's nest in Rockbridge County, Virginia, '38, 537.
 Southern brown creeper and southern winter wren at Lexington, Virginia, '38, 537.
 An odd nest of the Carolina wren, '40, 114.
 Purple gallinule and king rail at Lexington, Virginia, '40, 566.
Murray, J. J., and Freer, R. S.
 see Freer and Murray.
Murray, J. J., and Sprunt, A., Jr.
 see Sprunt and Murray.
Murray, J. J., and Wetmore, A.
 see Wetmore and Murray.
Murray, Leo T., and Murray, Z. E.
 Notes on the food habits of the golden eagle, '34, 371.
 Murre, Atlantic, see *Uria aalge*.
 Brünnich's, see *Uria lomvia*.
 California, see *Uria californica*.
 Common, see *Uria aalge*.
 Ringed, see *Uria aalge*.
 White-eyed, see *Uria aalge*.
 Murrelet, Ancient, see *Synthliboramphus antiquus*.
 Kittlitz's, see *Brachyramphus brevirostris*.
 Marbled, see *Brachyramphus marmoratus*.
muscalis (Megalurus), see *Megalurus*.
Muscicapa berliozii, *Algeria*, '39, 101.
griseola (*Gray Flycatcher, Spotted Flycatcher, *striata), *Germ.* '37, 568^a.
 —*fd.* '40, 520^{ab}; *hbt.* '37, 560^b, 568^a, '40, 177^b; *tax.* '35, 457; *misc.* '34, 124^b.
hypoleuca (Pied Flycatcher), *fd.* '40, 520; *hbt.* '40, 177; *plm.* '37, 219-220.
inexpectata, *Russ.* '32, 512.
mesoleuca, *tax.* '34, 548.
Muscicapidae, *Afr.* '40, 320.—*fd.* '40, 520; *hbt.* '40, 177, 323; *incub.* '40, 322; *tax.* '39, 91, '40, 274.
Muscicapula laotiana, *Indo-China*, '39, 494.
mindorensis, *P. I.*, '36, 108.
Muscisaxicola albilora, *Andes*, '38, 405.—*mig.* '38, 405.
Muscivora, *Peru*, '38, 312.—*hbt.* '40, 483.
circumdatus, *Peru*, '38, 312.
forficata (*Scissor-tailed Flycatcher), *Colo.* '37, 526; *Fla.* '31, 428, '38, 533, '39, 336, '40, 563; *Ga.* '34, 253; *Kans.* '34, 534; *La.* '34, 99; *Me.* '37, 208; *Mass.* '34, 379; *Okla.* '31, 123, '33, 373.
 —*flight*, '33, 315^a; *song*, '31, 123.
sanctaemartae, *N. J.* '40, 418-419; *Peru*, '38, 312.
tyrannus (Fork-tailed Flycatcher, Fork-tailed Tyrant), *Argent.* '38, 407, '40, 481; *Bras.* '38, 407; *Me.* '40, 419; *N. J.* '40, 419; *Pan.* '33, 125; *Parag.* '38, 407; *Pa.* '40, 419.—*hbt.* '40, 481; *mig.* '38, 407-408, '40, 419; *races*, '40, 418-419.
musculus (Troglodytes), see Troglodytes.
Museums.
 American Museum, Whitney Memorial Hall, '40, 130.
 Audubon Memorial Museum, '37, 425, '39, 109.
 Field Museum—Acquisition of L. B. Bishop bird collection, '40, 136.
 Museum of Comparative Zoology—Acquisition of Thayer Collection of birds and eggs, '32, 150.
 Museum of King Ferdinand of Bulgaria, '31, 643.
 Museum of Natural History, University of Minnesota, '40, 427-428.
 Muséum de Paris, '39, 99-100.
 Muséum de Rouen, '39, 107.
 Museum of Venezuela Society of Natural Sciences, '40, 437.
 Royal Albert Memorial Museum, '39, 204.
 Royal Ontario Museum of Zoology, '38, 568.
 Saiko Museum, '40, 130.
 Senckenberg Museum, Frankfurt-on-Main, Germany, '31, 379-384.
 Stoneham Museum and Research Centre, '34, 137-138.
 Tainan Museum, '40, 128.
 Tring Museum: Removal of Rothschild bird collection to American Museum, N. Y., '32, 395-397.
musicus (Turdus), see *Arceuthornis philomelos*.
Musophagidae, *Afr.* '40, 318.
Musophagiformes, *biol.* '39, 204; *hbt.* '40, 314, 323; *misc.* '40, 324.
Musselman, Thomas Edgar.
 Burrowing owls in Illinois, '31, 119.

- Egrets at Quincy, Ill., '32, 78-79.
 Whistling swans, '35, 302.
 A new record for fulvous tree duck in Missouri, '35, 444.
 Upland plovers (*Bartramia longicauda*) increasing in Adams County, Illinois, '35, 447.
 A new Illinois record for the American avocet, '36, 328-329.
 Young black rail banded in Illinois, '37, 204.
 American magpie in Missouri and Illinois, '37, 393.
 Arkansas kingbird in Adams County, Illinois, '38, 125.
 Mockingbirds in central western Illinois, '38, 537.
 Harris's sparrow in central western Illinois, '40, 258.
mustelina (*Hyllocichla*), see *Hyllocichla*.
 — (*Philomeloides*), see *Hyllocichla*.
 — (*Turdus*), see *Hyllocichla*.
mutabilis (*Junco*), see *Junco*.
mutatrix (*Prinia*), see *Prinia*.
 Mutton-Bird, see *Puffinus tenuirostris*.
mutus (*Lagopus*), see *Lagopus*.
Myadestes calophonus, *Mex.* '38, 306.
melanops, *Pan.* '39, 306.
townsendi (*Townsend's Solitaire), *Wyo.* '36, 245*.—*hbt.* '40, 176.
Mycerobas nanschanicus, *China*, '37, 569.
Mycteria americana (*Wood Ibis, ^bTantalus, ^oloculator), *Colo.* '37, 525; *Fla.* '31, 249, 423*, 595*, '36, 347, 381*, '40, 285*; *Guat.* '33, 429; *Ky.* '38, 678; *N. J.* '38, 294*; *N. Y.* '35, 97; *Okl.* '35, 77^{be}; *S. Am.* '38, 405*; *Tenn.* '37, 423*; *Tex.* '32, 106, '38, 64; *Venez.* '35, 329; *Va.* '33, 191*, 193; *W. Va.* '34, 249; *Wyo.* '31, 153*.—*destr.* '40, 285*; *mig.* '38, 405*.
wetmorei, *fos.* '36, 118.
mycteria (*Jabiru*), see *Jabiru*.
Myers, *Ord.* —1933.
 Obituary, '34, 70.
Myiagra caledonica, *tax.* '34, 559.
marinae, *tax.* '34, 559.
Myiarchus, *Peru*, '39, 110.
australis, *S. Am.* '38, 409.—*molt.* '38, 409.
boreus (*Northern Crested Flycatcher, Great Crested Flycatcher, Crested Flycatcher, ^bcrinitus), *Alla.* '40, 594*; *Ill.* '38, 46; *Md.* '40, 339-346*; *Mass.* '31, 60^b; *N. J.* '33, 221*; *N. C.* '37, 456; *N. S.* '38, 549; *O.* '31, 375, '32, 222; *Okl.* '31, 123*; *Ont.* '34, 207; *Pan.* '31, 120^b, 603; *S. C.* '34, 537, '36, 313.—*blood.* '37, 517; *cowbird host.* '38, 46; *feather count.* '36, 166*; *fd.* '40, 338*; *hbt.* '31, 59^b, 60^b; *life hist.* '34, 207-216; *nid.* '40, 339-346*; *pl.* '34, 212; *song.* '31, 123*; *wt.* '38, 442^b.
cinerascens (*Ash-throated Flycatcher), *Ariz.* '39, 323.—*song.* '39, 188*.
crinitus (*Southern Crested Flycatcher, Crested Flycatcher), *Okl.* '36, 433; *S. C.* '31, 621; *Va.* '40, 574*.—*misc.* '39, 163*.
ferocior, *Argent.* '38, 408.—*mig.* '38, 408.
flavidior, *Sal.* '36, 359.
inquietus, *L. C.* '31, 429.
insularum, *Hond.* '36, 469.
magister (*Arizona Crested Flycatcher), *song.* '39, 188*.
nelsoni (Mexican Crested Flycatcher), *Tex.* '35, 99.
olivascens (*Olivaceous Flycatcher), *Ariz.* '39, 163.—*dist., fd.,* '39, 163; *song.* '39, 188*.
swainsoni, *S. Am.* '38, 408.—*dist., mig.* '38, 408.
Myiobius, *Peru*, '40, 277.
aureatus, *Pan.* '33, 301.
Myioborus hellmayri, *Sal.* '36, 360.
miniatus (Red-bellied Redstart), *Mex.* '37, 198, '40, 236, 242.
Myiochanes, *misc.* '33, 86, '38, 663, '39, 189.
brachytarsus (^bContopus), *Pan.* '33, 301.—*misc.* '38, 664^b.
emleni, *Hond.* '31, 307.
pallidiventris (*Coe's Flycatcher), *song.* '39, 188*.
pertinax (Swainson's Flycatcher), *Mex.* '40, 235, 239.
placens, *Ariz.* '40, 594.
richardsoni (*Western Wood Pewee), *Calif.* '31, 60; *Mont.* '36, 230*.—*hbt.* '31, 60; *song.* '39, 188-189; *tax.* '31, 294; *misc.* '36, 283*, '38, 663.
virens (*Eastern Wood Pewee, Wood Pewee), *Fla.* '34, 380, '35, 188, 198; *O.* '31, 369, 622; *Okl.* '38, 506*; *Pan.* '31, 120*.—*feather count.* '36, 166*; *nest.* '31, 622, '35, 188; *song.* '33, 174-178*, '38, 266*, '39, 188*; *tax.* '31, 294; *wt.* '38, 442; *misc.* '36, 283*.
Myiodynastes, *Pan.* '39, 308; *Peru*, '38, 312.—*tax.* '40, 594.
chapmani, *Peru*, '38, 312.
difficilis, *Peru*, '38, 312.
luteiventris, *Hond.* '36, 192.—*colors.* '36, 192.
maculatus, *S. Am.* '38, 408.
solitarius, *S. Am.* '38, 408.—*dist., mig.* '38, 408.
swarthi (Sulphur-bellied Flycatcher),

- Ariz.* '39, 162-163.—*dist., fd.,* '39, 162-163.
tobagensis, *Peru*, '38, 312.
Myiolestes palmeri, *N. Guinea*, '38, 697.
wuroi, *N. Guinea*, '37, 416.
Myiomoira, see *Petroica*.
Myiophobus, *Peru*, '40, 277.
fasciatus (Banded Brown Tyrant, Bran-colored Flycatcher), *Br. Guiana*, '31, 55; *Pan.* '35, 327.—*hbt.* '31, 52, 54, 55.
flammiceps, *Argent.* '31, 55.—*hbt.* '31, 55.
furfurosus, *Pan.* '33, 305.
Myiopsitta monachus (*Green Parakeet, ^b*Bolborhynchus*), *Argent.* '37, 219, '38, 578*, '39, 358.—*disease*, '40, 332; *nest*, '37, 219, '39, 358, '40, 482; *misc.* '35, 259^b.
Myiornis, *Peru*, '40, 595.
berlepschi, *Bras.* '36, 109.
Myiotriccus, *Peru*, '40, 277.
Myiozetetes, *Peru*, '38, 312.
occidentalis, *Peru*, '38, 312.
pallidiventris, *Bras.* '36, 109.
primulus, *Mex.* '31, 307.
texensis (*Giraud's Flycatcher), *misc.* '36, 337*.
Mynah, Crested, see *Aethiopsar cristatellus*.
Indian, see *Acridotheres tristis*.
Myology.
Burt, W. H., '31, 296 (rev.).
Engels, W. L., '38, 642-650.
Howell, A. B., '37, 364-375, '38, 71-81.
Hudson, G. E., '37, 403-404 (rev.).
Lowe, P. R., '31, 465 (rev.).
Palmgren, P., '33, 246 (rev.).
Stresemann, E., '33, 149 (rev.).
Uttal, L. J., '40, 573-574.
Myiophonus rileyi, *Siam*, '38, 570.
Myospiza dorsalis, *cowbird host*, '38, 44.
humeralis (Grasshopper Finch), *Bras.* '38, 44.—*cowbird host*, '38, 41-44.
meridiana (*Venezuelan Grasshopper Warbler, ^b*Ammodramus manimbe*), *Bras.* '40, 517^b.—*paras.* '40, 517-518.
tucumanensis, *cowbird host*, '38, 44.
Myrmeciza occidentalis, *Pan.* '33, 304.
Myrmelastes immaculatus, *Chiriqui*, '36, 232.
Myrmoderus spodiogaster, *tax.* '31, 149.
Myrmotherula pacifica, *Pan.* '33, 301.
pseudoaustralis, *Peru*, '31, 149.
söderstromi, *Ecuad.* '31, 149.
Myrtis yarrellii, *Chile*, '37, 226.
mystacalis (Cyanocorax), see *Cyanocorax*.
— (*Eurostopodus*), see *E. albo-gularis*.
mystacea (Oreopeleia), see *Oreopeleia*.
Myzomela charlottae, *Celebes*, '32, 391.

- nigra* (*Black Honey-eater), *misc.* '38, 690*.
tenuis, *N. Hebrides*, '38, 151.
tucopiae, *N. Hebrides*, '38, 151.

N

- nacunda* (Podager), see *Podager*.
Naether, Carl.
 Further observations on keeping foreign doves (rev.), '37, 417.
naevia (Hylophylax), see *Hylophylax*.
— (*Tapera*), see *Tapera*.
naevioides (Hylophylax), see *Hylophylax*.
naevius (Ixoreus), see *Ixoreus*.
— (*Nycticorax*), see *N. hoactli*.
— (*Otus*), see *Otus*.
nagamichii (Yungipicus), see *Yungipicus*.
Nagel, Werner Otto, and *Bennitt*, R.
 see *Bennitt* and *Nagel*.
Namibornis, *descr.* '36, 131*.
herero (^b*Bradornis*), *Afr.* '32, 254^b, 376^b, '36, 131, '39, 203.
namnetum (Luscinia), see *Luscinia*.
nana (Agapornis), see *Agapornis*.
— (*Cyanolyca*), see *Cyanolyca*.
— (*Lawrencia*), see *Lawrencia*.
— (*Vireo*), see *Lawrencia*.
Nandayus campicola, *Parag.* '39, 100.
nenday, *disease*, '40, 332.
nangka (Heteroxenicus), see *Heteroxenicus*.
Nannopterum, *tax.* '35, 75.
harrisi (*Flightless Cormorant, ^b*Nannopterum*), *avic.* '38, 596-597^b; *egg*, *hbt., nid.,* '38, 596-597^b; *pl.* '38, 596*; *misc.* '35, 360, '36, 64, 470*.
Nannus, *tax.* '35, 105.
hiemalis (*Eastern Winter Wren, Winter Wren), *N. B.* '37, 541; *N. F.* '36, 344; *N. Y.* '37, 541; *N. D.* '31, 284; *O.* '37, 326; *W. Va.* '34, 395, '40, 577*.—*meas.* '36, 25; *song*, '35, 40-52*, '38, 266*, 618*, 621*; *tax.* '35, 105; *wt.* '37, 326, '38, 442, 514; *wing area*, '38, 514; *misc.* '36, 22.
idius (*North China Wren), *China*, '38, 293*.
krymensis (^b*Troglodytes*), *Crimea*, '34, 425^b.
pacificus (Western Winter Wren), *Utah*, '36, 231-232.—*meas.* '36, 24, 25, 26; *misc.* '36, 22.
pullus (Southern Winter Wren), *N. C.* '35, 340; *Va.* '37, 540-541, '38, 537.
stevensoni, *Alas.* '31, 150.
suprapallidus (^b*Troglodytes*), *China*, '31, 157^b.
tarimensis (^b*Troglodytes*), *Kaschgariae*, '34, 425^b.
trogodytes (^b*Troglodytes*), *Engl.*

- '40, 436^b.—song, '40, 436^b; tax. '33, 257^b.
- nanschanicus (Mycerobas), see Mycerobas.
- nanus (Colaptes), see Colaptes.
- (Dryobates), see Dryobates.
- (Hylocichla), see Hylocichla.
- (Spizaetus), see Spizaetus.
- napensis (Otus), see Otus.
- napoensis (Synallaxis), see Synallaxis.
- Napothera calciola**, *Indo-China*, '39, 494.
- proxima**, *Indo-China*, '31, 317.
- narina (Apaloderma), see Apaloderma.
- Nasica australis**, *Braz.* '37, 562.
- nasicus (Corvus), see Corvus.
- naso (Micrastur), see Micrastur.
- nassovicus (Pericrocotus), see Pericrocotus.
- nasutus (Lanius), see Lanius.
- (Lophoceros), see Lophoceros.
- nataliae (Sphyrapicus), see Sphyrapicus.
- National Association of Audubon Societies.**
- Establishes Witmer Stone Wild Life Sanctuary, '35, 496.
- Requests cooperation in banding hawks, '37, 425.
- National Geographic Society.**
- The book of birds (rev.), '37, 554.
- National Parks.**
- Check-list of birds of the National Parks (rev.), '38, 587.
- Birds and mammals of Mount McKinley National Park, Alaska (rev.), '39, 101.
- [Notes on the birds of Great Smoky Mountains National Park], '38, 675, '39, 207 (rev.).
- A distributional check-list of Mount Ranier National Park (rev.), '40, 128.
- Natorp, O.**
- Zur Brutbiologie des Pirols (Oriolus oriolus L.) (rev.), '39, 106.
- natunae (Collocalia), see Collocalia.
- naumanni (Pycnonotus), see Pycnonotus.
- Naumburg**, Elsie Margaret Binger (Mrs. Walter Wehle).
- The birds of Matto Grosso, Brazil (rev.), '31, 135–136.
- The Senckenberg Museum, Frankfurt-on-Main, Germany, '31, 379–384.
- Three new birds from northwestern Brazil (rev.), '32, 506.
- Rediscovery of *Rhopornis ardesiaca* (Wied), '34, 493–496.
- Studies of birds from eastern Brazil and Paraguay (rev.), '38, 577, '40, 436.
- naumburgae (Pipile), see Pipile.
- naumburgi (Brachygalba), see Brachygalba.
- nauta (Caprimulgus), see Caprimulgus.
- navassae (Chaemepelia), see Columbigallina.
- (Columbigallina), see Columbigallina.
- nearctica (Nyroca), see N. marila.
- nebouxii (Sula), see Sula.
- Nebraska.**
- Black, C. A., '37, 108 (rev.), '38, 689 (rev.).
- Emerson, J. L., '40, 588 (rev.).
- Glandon, E. W., '37, 109 (rev.).
- Hudson, G. E., '32, 87, '39, 356 (rev.).
- Hudson, G. E., et al., '38, 693 (rev.).
- Jones, Mrs. A. H., '40, 128 (rev.).
- Lewis, H. F., '31, 210.
- Ludlow, C. S., '40, 591 (rev.).
- Sharp, W. M., '39, 359 (rev.).
- Swenk, M. H., '31, 151 (rev.), '38, 309 (rev.), '39, 360 (rev.), '40, 594 (rev.).
- Tout, W., '37, 569–570 (rev.).
- Viehmeyer, C., '39, 109 (rev.).
- Weakly, H. E., '38, 157 (rev.), '40, 132 (rev.).
- Wetmore, A., '33, 213–214.
- Wieggers, C. R., et al., '33, 221–222.
- nebularia (Tringa), see Tringa.
- nebulosa (Scotiaptex), see Scotiaptex.
- Necropsar**, '40, 439.
- Necrosyrtes monachus** (Hooded Vulture), *misc.* '34, 230.
- Nectarinia**, *Arabia*, '37, 108.
- centralis**, *misc.* '36, 240.
- metallica** (Nile Valley Sunbird), *Egypt*, '38, 571–572.
- Nectariniidae**, *Afr.* '40, 321.—*hbt.* '40, 323; *molt*, '39, 487; *myol.* '38, 645, 646.
- Neely**, James Columbus, 1867–1939.
- Obituary, '39, 363, '40, 148.
- neglecta (Sturnella), see Sturnella.
- neglectus (Anser), see Anser.
- (Anthreptes), see Anthreptes.
- (Calamonastes), see Calamonastes.
- (Coloeus), see Coloeus.
- (Xylocopus), see Xylocopus.
- Nehrling**, Henry, 1853–1929.
- Obituary, '31, 85.
- In memoriam, '32, 153–158, por.
- Neisna**, *tax.* '39, 501.
- Nelles**, Arthur Douglas.
- A hybrid flicker at Ottawa, Ontario, '36, 336.
- Nelson**, Arnold Lars.
- Golden-winged warbler feeding on larvae of *Talponia plummeriana*, '33, 440–441.
- see Madon, P., 'Les Rapaces d'Europe' (rev.), '34, 258–261.
- Nelson**, A. L., Clarke, T. E., and Bailey, W. W.
- Early winter food of ruffed grouse on

- the George Washington National Forest (rev.), '39, 358.
- Nelson, A. L., Cottam, C., and Williams, C. S.**
see Cottam, Nelson and Williams.
- Nelson, Edward William, 1855-1934.**
Henry Wetherbee Henshaw—naturalist, 1850-1930, '32, 399-427.
A new subspecies of *Colius nigrogularis* (Gould) (rev.), '33, 141.
Obituary, '34, 431-432, '35, 66.
In memoriam, '35, 135-148, por.
- Nelson, E. W., and Goldman, E. A.**
A new subspecies of the snail kite, *Rostrhamus sociabilis* (rev.), '34, 270.
- nelsoni** (*Ammospiza*), see *Ammospiza*.
— (*Cassidix*), see *Cassidix*.
— (*Dryobates*), see *Dryobates*.
— (*Geothlypis*), see *Geothlypis*.
— (*Hylophilus*), see *Hylophilus*.
— (*Icterus*), see *Icterus*.
— (*Myiarchus*), see *Myiarchus*.
— (*Passerherbulus*), see *Ammospiza*.
— (*Phoebastria*), see *Phoebastria*.
— (*Poliophtila*), see *P. pontilis*.
— (*Sitta*), see *Sitta*.
— (*Vireo*), see *Vireo*.
- Németh, and Lépiney.**
see Lépiney and Németh.
- nemoricola** (*Sturnia*), see *Sturnia*.
- nenday** (*Nandayus*), see *Nandayus*.
- Neocichla angustus, Tanganyika, '31, 305.**
gutturialis, *syst.* '31, 305.
- Neodrepanis hypoxantha, Mad. '33, 383, '38, 156.**
neogaea (*Loxia*), see *Loxia*.
- Neolalage banksiana, plm. '34, 115.**
- Neomorphinae** (*Diplopterinae*), *hbt.* '38, 138; *syn.* '38, 138.
- Neomorphus radiolus** (Ecuadorian Banded Ground Cuckoo), *Ecuad.* '36, 447.—*meas.*, *plm.*, '36, 447.
- Neophema bourkii, avic. '40, 272.**
- Neophron percnopterus** (Egyptian Vulture), *Jerusalem*, '33, 184.
- Neosericornis, tax. '37, 416.**
- Neositta, nest, plm., '36, 308-309; misc. '36, 307.**
- Neosittinae, tax. '36, 309.**
- Neothraupis, nomen. '37, 213.**
neoxenus (*Ixobrychus*), see *Ixobrychus*.
- Nepheocetes borealis** (*Black Swift*), *B. C.* '38, 526; *Calif.* '36, 118; *C. R.* '32, 496; *Mont.* '35, 202.—*eye*, '38, 234; 239; 242; *misc.* '36, 119.
- niger** (*Black Swift*), *Mex.* '40, 237, 238; *W. I.* '32, 495, '34, 84.
- neris** (*Garrodia*), see *Garrodia*.
— (*Sterna*), see *Sterna*.

- Nesasio solomonensis** (*Pseudopteryx*), *tax.* '37, 566, 566b.
- Nesillas monticola, Mad. '31, 313.**
nesiotis (*Xenonetta*), see *Xenonetta*.
— (*Zenonetta*), see *Xenonetta*.
- Nesochen sandvicensis** (*Hawaiian Goose*), *H. I.* '40, 288.—*morph.* '37, 565; *protec.* '40, 288; *misc.* '36, 243.
- Nesoclopeus, descr. '32, 348.**
poeciloptera (*Rallus*, *Rallina*), *tax.* '32, 347b, 348, 348e.
woodfordi, tax. '32, 348.
- Nesomimus wenmani, Galap. Is. '31, 625.**
- Nesonetta, Auckland Is. '35, 479.**
aucklandica, plm. '39, 202.
- Nesopelia galapagoensis** (*Galapagos Dove*), *aviary, behav.*, '37, 417; *hbt.* '35, 353.
- Nesotrochis debooyi** (*DeBooy's Rail*), *P. R.* '38, 53-54.—*meas.* '38, 54.
- Nestor, ost. '35, 360.**
- netrix** (*Tribura*), see *Tribura*.
- Nettion andium, Ecuad. '34, 149.**
bernieri (*Anas*), *Mad.* '37, 215-216b.
capense (*Cape Widgeon, Cape Teal*), *Capetown*, '31, 313.—*avic.* '40, 592.
- carolinense** (*Green-winged Teal*), *Conn.* '34, 513; *Conn. Val.* '32, 361; *La.* '34, 328-337, '40, 93; *Mass.* '32, 233; 441-444; '34, 513, '37, 377; *Mex.* '35, 424; *Minn.* '38, 563; *N. H.* '36, 225; *N. J.* '32, 461; *O.* '32, 345; *Pa.* '36, 94; '39, 329; '40, 578; *Va.* '33, 354; *W. Va.* '38, 130.—*age*, '34, 331; *band.* '34, 328-337; *courtship*, '36, 321; *egg*, '40, 56; *fd.* '39, 149; *hbt.* '33, 354; *hyb.* '40, 578; *incub.* '40, 56; 58; *sex ratio*, '40, 93; *wt.* '31, 572, '38, 516; *wing area*, '38, 516; *misc.* '36, 208, '37, 533; '40, 515.
- castaneum, plm. '32, 214.**
- crecca** (*European Teal*, *Anas*), *Alas.* '39, 149; *Mass.* '32, 79; *N. J.* '32, 460; *N. Y.* '33, 429, 445, '36, 321, '39, 149; *O.* '32, 345; *Pa.* '40, 578; *S. C.* '34, 227; *Spitzbergen*, '39, 497; *Switz.* '35, 487; *Va.* '36, 208, '37, 533.—*courtship*, '36, 321; *dist.* '33, 202; *fd.* '39, 149; *hyb.* '40, 578; *misc.* '39, 305.
- flavirostre, plm. '32, 214.**
- formosum** (*Baikal Teal*), *Alas.* '33, 97.
- punctata** (*Madagascar Teal*, *Anas*, *Querquedula*, *madagascariensis*, *delacouri*), *nomen.* '33, 149abede.
- neuhausi** (*Pachycephala*), see *Pachycephala*.
- Neumann, Oscar.**
Descriptions of new birds from Africa (rev.), '32, 264.

[Semi-centennial greetings to the A. O. U.], '34, 428.

neumannii (Ptilorhoa), see Ptilorhoa.
neutralis (Agelaius), see Agelaius.

Nevada.

Alcorn, J. R., '40, 587 (rev.).
Bond, R. M., '40, 587 (rev.).
Grater, R. K., '39, 191.
Johnson, A., '36, 210.
Linsdale, J. M., '36, 237-238 (rev.),
'38, 575 (rev.), '39, 104 (rev.).
Miller, A. H., '35, 467-468.
Moore, R. T., '40, 129 (rev.).
Van Rossem, A. J., '36, 85, 353-354
(rev.).

Wetmore, A., '39, 501 (rev.).

nevadensis (Agelaius), see Agelaius.

— (Amphispiza), see Amphispiza.

— (Passerculus), see Passerculus.

— (Penthestes), see Penthestes.

nevermanni (Lonchura), see Lonchura.

New Brunswick.

Allen, Elsa G., '39, 283-290.
Allen, F. H., '40, 75-82.
Ferguson, M. S., '36, 87.
Griffin, D. R., '40, 61-73.
Gross, A. O., '31, 511, '38, 387-400.
Lewis, H. F., '37, 74-88.
McManus, R., Jr., '32, 222, '35, 88, 89,
195-196.
Moore, W. H., '34, 229.
Peters, H. S., '39, 471, 476, '40, 106-
107, 111.

New England.

Eliot, S. A., Jr., '34, 511-513, 521-522.
Gross, A. O., '35, 310.
White, F. B., '33, 236.

Newfoundland.

Aldrich, J. W., and Nutt, D. C., '40,
269 (rev.).
Brooks, E. A., '36, 342-345.
Gross, A. O., '31, 511.
Taverner, P. A., '40, 415.

New Guinea.

Archbold, R., and Rand, A. L., '40,
426-427 (rev.).
Crandall, L. S., '32, 121-122 (rev.).
de Schauensee, R. M., '40, 83-84.
Hartert, E., '31, 295 (rev.).
Hartert, E., et al., '37, 221-222 (rev.).
Maxwell, P. H., '38, 695 (rev.).
Mayr, E., '37, 416 (rev.), '38, 151
(rev.), '39, 357 (rev.).
Mayr, E., and de Schauensee, R. M.,
'40, 591 (rev.).
Mayr, E., and Rand, A. L., '37, 416
(rev.).
Peters, J. L., '40, 94.
Rand, A. L., '36, 306-309, '38, 696-
697 (rev.), '40, 437 (rev.), 593 (rev.).
Stonor, C. R., '39, 360 (rev.).

New Hampshire.

Clement, R. C., '39, 74.
Connell, F. H., and Doremus, H. M.,
'37, 321-323.
Eliot, S. A., Jr., '39, 178.
Fenn, R. C., '40, 254.
Goellner, E. J., '36, 89, '38, 667-668,
'39, 469.
Goellner, E. J., and Provost, M., '36,
454.
Gross, A. O., '31, 511.
Harding, K. C., '31, 512-522.
Jackson, C. F., '36, 221.
Jackson, C. F., and Allan, P. F., '31,
17-21.
Lincoln, A., Jr., '40, 435 (rev.).
Mills, Doris H., '37, 544.
Murphy, R. C., and Vogt, W., '33, 326.
Norton, A. H., '33, 212.
Perine, K. B., '31, 117.
Pettingill, O. S., Jr., '35, 303, '38, 153
(rev.).
Shelley, L. O., '31, 118, 615-616, '32,
224-225, 226-227, 345-346, 358, 476,
477-478, '33, 111, 354-355, 358, '34,
80, 83, 380-381, 391-392, 523-524,
'35, 93, 96-97, 287-299, 305, 307,
'36, 94, 224-225, '37, 532, '38, 271,
548.
Smith, W. P., '32, 228-229.
Vaughan, W. C., '36, 341.
Weygandt, C., '34, 410-411 (rev.).
White, F. B., '31, 559-563, '36, 450,
'38, 296-297 (rev.).
Whittle, C. L., '32, 464-465.
Wright, P. L., '37, 547.

New Hebrides.

Mayr, E., '38, 151 (rev.).

New Jersey.

Allen, R. P., '34, 373-374, '35, 446.
Allen, R. P., and Peterson, R. T., '36,
393-404.
Baily, W. L., '34, 374-375.
Beaton, R., '40, 418.
Brodkorb, P., '35, 191.
Buckalew, H., '38, 672.
Cadwalader, C. M. B., '38, 275.
Chapman, F. M., '40, 231-232.
Cottam, C., '35, 435, '36, 81.
Cramer, W. S., '31, 610, '32, 219, 349,
'34, 375.
Cutler, H. S., '40, 403-404.
Eaton, W. F., '31, 425-426, '32, 255
(rev.), '36, 82.
Edwards, J. L., '32, 460-461, '35, 85.
Eynon, A. E., '37, 532, '39, 180-181.
Fry, G. G., et al., '31, 597.
Gillespie, J. A., '33, 98.
Griscom, L., '39, 134-137.
Gross, A. O., '31, 511.
Higgins, E. T., '31, 267.

- Huber, W., '38, 527-528.
 McDonald, N. J., et al., '40, 106.
 Miller, R. F., '39, 497 (rev.), '40, 436 (rev.), 561.
 Murphy, R. C., and Vogt, W., '33, 330-331.
 Nichols, C. K., '33, 352-353, '37, 533.
 Nichols, J. T., '35, 448-449.
 Noble, G. K., '36, 269-282.
 Noble, G. K., and Lehrman, D. S., '40, 22-43.
 Parrish, M. L., '37, 395.
 Potter, J. K., '32, 465, 476, 476-477, 477, '35, 80-81.
 Pumyea, N. de W., '33, 438.
 Rapp, W. F., Jr., '40, 106.
 Rebell, G., '35, 182.
 Reimann, E. J., '40, 414-415.
 Rich, M. C., '33, 221.
 Rogers, C. H., '34, 74, '35, 191, '38, 537-538.
 Stone, W., '31, 105, 434, '32, 77, 348, 458, 464, '33, 358, '34, 74, 368-369, 518-519, 525, '35, 182-183, '38, 293-294 (rev.).
 Storer, R. W., '37, 548, '40, 244.
 Tanner, J. T., '36, 448-449.
 Tatum, J. W., '36, 95.
 Urner, C. A., '31, 116-117, 128, 418-422, '32, 213, 215, 218, 223, 341-342, 459, 470-474, 475-476, 491, '33, 100, 101, 420-425.
 Williams, L., '33, 229-230.
 Wolfarth, F., '39, 329-330.
- New Mexico.**
 Allan, P. F., '38, 477-478.
 Borell, A. E., '40, 269 (rev.).
 Brodrick, H. J., '40, 421-422.
 Lane, H. W., '31, 275.
 Merrill, D. E., '32, 460.
 Miller, A. H., '32, 38-41.
 Oberholser, H. C., '31, 294-295 (rev.).
- New Species, see Original Descriptions.**
- New York.**
 Allen, A. A., '34, 417-418 (rev.).
 Allen, R. P., '33, 433-434, '39, 200 (rev.).
 Amadon, D., '34, 532-533, '36, 216-217.
 Bartlett, G., '37, 404 (rev.), '39, 469-470.
 Baumgartner, A. M., '38, 603-610, '39, 274-282.
 Beardslee, C. S., '32, 91.
 Bedell, E., '40, 430.
 Bohn, H., '35, 458.
 Boulton, R., and Nichols, J. T., '40, 430 (rev.).
 Brodkorb, P., '37, 396.
 Burtch, V., '36, 446, 454.
 Carleton, G., '35, 197, '36, 220.
 Carleton, G., et al., '38, 124.
 Chapin, J. P., '33, 434-435, '36, 331-332.
 Chapman, F. M., '40, 230-233.
 Clausen, R. T., '35, 97-98, '38, 518.
 Cobb, C. B. P., '38, 528.
 Coker, C. M., '31, 277.
 Common, Minna A., '33, 408-413, '34, 241-242.
 Cottam, C., '33, 427-428, '35, 434, '36, 332.
 Crandall, L. S., '40, 431 (rev.).
 Crouch, J. E., '36, 1-8.
 Cruickshank, A. D., '35, 191-192, '36, 321, 323-324, '38, 666-667, 672, 690 (rev.), '39, 179, 474-475.
 Cunneen, J. M., '34, 376-377.
 Elliott, J. J., '40, 431 (rev.).
 Elwood, W., '40, 431 (rev.).
 Evans, E., '36, 441-443.
 Gianini, C. A., '34, 75.
 Gould, V. E., '32, 468-470.
 Greulach, V. A., '34, 389-390.
 Griscom, L., '34, 266, '39, 134-137.
 Gross, A. O., '31, 511.
 Hamilton, W. J., Jr., '32, 352, '33, 114-115, '37, 97, '40, 258.
 Helmuth, W. T., 3rd., '34, 247-248, 397-398, '37, 101, 102, '40, 433 (rev.).
 Hering, P. E., '34, 470-476.
 Hickey, J. J., '40, 255-256.
 Hickey, J. J., and Wilcox, L., '38, 693 (rev.).
 Hyde, A. S., '40, 589 (rev.).
 Janiec, J., '36, 75, '38, 546-547.
 Johnson, C. E., '34, 74-75.
 Johnson, R. A., '35, 312.
 Kassoy, I., et al., '31, 277-279.
 Kelso, L., '40, 252.
 Kuerzi, J. F., '31, 256.
 Kuerzi, J. F., and Kuerzi, R., '33, 429-430, '35, 185-186.
 Latham, R., '40, 128 (rev.), 435 (rev.).
 Lind, R., '39, 73.
 Lindsay, A. A., '40, 128 (rev.).
 Meade, G. M., '39, 177, 187, '40, 251.
 Mitchell, H. D., '34, 392-393.
 Montagna, W., '39, 456-459, '40, 575-576.
 Murphy, R. C., '33, 101-102.
 Murphy, R. C., and Vogt, W., '33, 328-330.
 Nichols, D. G., and Nichols, J. T., '35, 451.
 Nichols, J. T., '35, 181-182, 448-449, '36, 429-431, '39, 478-479.
 Noble, G. K., et al., '38, 7-37.
 Ogburn, C., Jr., '38, 521-522.
 Phillips, A. R., '35, 315.
 Preston, R. C., '36, 450, '38, 539.

- Reimann, E. G., '39, 332.
 Rich, M. C., '33, 217, 365-366.
 Saunders, A. A., '37, 420 (rev.), '39, 206 (rev.).
 Savage, J., '40, 438 (rev.).
 Shadle, A. R., '31, 270-271, 567-569.
 Shainin, V., '39, 84-85.
 Smiley, D., Jr., '32, 457.
 Spiker, C. J., '31, 453-454 (rev.), '34, 78, '35, 475 (rev.), '36, 449.
 Stone, C. F., '33, 117, 123, 227-229.
 Stone, W., '37, 394-395.
 Stoner, D., '33, 134-135 (rev.), '34, 367, '35, 400-407, '38, 119-121, 279-280, 581 (rev.), '39, 474, 499 (rev.), '40, 406-407, 415-416, 439 (rev.).
 Sutton, G. M., '39, 185-186, '40, 244, 401.
 Sutton, G. M., and Arnold, J. R., '38, 281.
 Tanner, J. T., '34, 240.
 Terres, J. K., '39, 337, 342, '40, 422, 571-572.
 Todd, W. E. C., '31, 435.
 Tryon, H. H., '38, 125.
 Underhill, A. H., '40, 566.
 Vogt, W., '31, 606, '33, 445-447, '34, 518, 521.
 Watson, C. H., '33, 220-221.
 Weaver, R., '37, 103-104.
 Wilcox, LeR., '39, 208 (rev.).
 Wilcox, LeR., et al., '39, 501 (rev.).
New York University.
 [Bird day issue of school bulletin] (rev.), '36, 356.
New Zealand.
 Brooks, A., '36, 80-81, '38, 272, 273.
 Buddle, G. A., '40, 270 (rev.).
 Buick, T. L., '32, 252 (rev.), '38, 562-563 (rev.).
 Cassidy, J., '38, 690 (rev.).
 Deignan, H. G., '34, 487-492.
 Falla, R. A., '40, 126 (rev.).
 Fleming, C. A., '39, 494 (rev.), '40, 126 (rev.).
 Mathews, G. M., '37, 415-416 (rev.).
 Moncrieff, P., '38, 695 (rev.).
 Oliver, W. R. B., '31, 300-301 (rev.), '38, 153 (rev.).
 Porter, S., '40, 593 (rev.).
 Richdale, L. E., '39, 499 (rev.).
 Stead, E. F., '33, 243-244 (rev.), '39, 206 (rev.).
 Stidolph, R. H. D., '39, 360 (rev.), '40, 276 (rev.).
newarense (Strix), see Strix.
Newton, Alfred, 1829-1907.
 [Letter of], '34, 405-406.
newtoni (Gymnasio), see Gymnasio.
 — (Riparia), see Riparia.
Newtonia archboldi, Mad. '31, 468.

- inornata, Mad.* '34, 423.
Nicaragua.
 Huber, W., '32, 503 (rev.).
 Moore, R. T., and Peters, J. L., '39, 38-53.
 Van Rossem, A. J., '31, 35.
Nicator gularis (Green Bush-shrike), *Afr.* '37, 566.—*nest*, '37, 566.
Nico, (Mrs.) Margaret Morse.
 Notes on the twilight songs of the scissor-tailed and crested flycatchers, '31, 123-125.
 A study of two nests of the ovenbird, '31, 215-228.
 A list of the birds of the campus of the University of Oklahoma (rev.), '31, 306.
 The birds of Oklahoma, revised edition (rev.), '31, 452-453.
 Habits of the Blackburnian warbler in Pelham, Massachusetts, '32, 92-93.
 Female quail "bobwhiting", '33, 97.
 The cowbird as bait for the capture of its foster parents, '33, 120.
 Some observations on the behavior of starlings and grackles in relation to light, '35, 91-92.
 Late nesting of myrtle and black-throated green warblers in Pelham, Massachusetts, '36, 89.
 Studies in the life history of the song sparrow (rev.), '37, 553-554.
 Notes on two nests of the eastern mourning dove, '38, 95-97.
 American egret and anhinga nesting in Oklahoma, '38, 121-122.
 Curious ways of the cowbird (rev.), '38, 153.
 The social kumpan and the song sparrow, '39, 255-262.
 The watcher at the nest (rev.), '39, 347-348.
 Observations on the behavior of a young cowbird (rev.), '40, 274.
Nico, Margaret M., and **Polkwyk, J. T.**
 'Anting' by the song sparrow, '40, 520-522.
niceae (Thryomanes), see Thryomanes.
Nichols, Charles Ketcham.
 Greater snow goose at Troy Meadows, N. J., '33, 352-353.
 Early nesting of the wood duck, '37, 533.
Nichols, C. K., and Nichols, Mabel M.
 Marbled godwit at Pine Point, Maine, '35, 81-82.
Nichols, David Gelston.
 Florida bird notes, '34, 400-401.
 Notes from southern Florida, '36, 347-348.
Nichols, D. G., and Nichols, J. T.

- Food of the barn owl, '35, 451.
- Nichols, J. C. M.**
Birds of marsh and mere and how to shoot them, 2nd ed. (rev.), '31, 451.
- Nichols, John Treadwell.**
Notes on the flocking of shore birds, '31, 181-185.
Sandpipers on one leg, '34, 520-521.
Shore-birds and decoys, '35, 82-83.
Apparent skin-transplant in a wild scaup, '35, 181-182.
Spring migration of the gannet in southeast Florida, '35, 300.
The dovekie incursion of 1932, '35, 448-449.
European goldfinch near New York City, 1915-1935, '36, 429-431.
Notes on starling spread and migration, '37, 209-210.
North-south versus northeast-southwest migration of the starling, '37, 542.
The European starling's relation to native species (rev.), '38, 577.
Seasonal starling numbers in suburban Long Island, '39, 478-479.
- Nichols, J. T., and Boulton, R.**
see Boulton and Nichols.
- Nichols, J. T., and Nichols, D. G.**
see Nichols, D. G., and Nichols, J. T.
- Nichols, Mabel M., and Nichols, C. K.**
see Nichols, C. K., and Nichols, Mabel M.
- Nichols, Rodman Armitage, 1884-1940.**
Obituary, '40, 599.
- Nicholson, Donald John.**
Scissor-tailed flycatcher, a rare Florida winter resident, '31, 428-429.
Color of the eyes of the boat-tailed grackles in Florida, '32, 95.
Status of the wood pewee in middle Florida, '34, 380.
Extent of breeding range of the Cape Sable seaside sparrow (*Ammospiza mirabilis*), '34, 389.
- Nicholson, Edward Max.**
The art of bird-watching, a practical guide to field observation (rev.), '32, 118-120.
The index of heron population (rev.), 1936, '37, 224; 1938, '39, 106.
Report on the lapwing habitat inquiry (rev.), '39, 358.
- Nicholson, E. M., and Koch, L.**
Songs of wild birds (rev.), '37, 106.
- Nicholson, Wray Hamilton.**
Roseate spoonbills and white pelicans in Brevard County, Florida, '33, 429.
Large sets of ground dove eggs, '34, 83-84.
- Notes on the habits of the Florida grasshopper sparrow, '36, 318-319.
- Nicoll, Michael John, 1880-1925.**
Birds of Egypt (revised and amplified by R. Meinertzhagen) (rev.), '31, 289-291.
- nicolli (Ploceus), see Ploceus.**
— (Sula), see Sula.
- niedda (Lophorina), see Lophorina.**
- Niedrach, Robert James, and Bailey, A. M.**
see Bailey and Niedrach.
- Niedrach, R. J., and Rockwell, R. B.**
The birds of Denver and mountain parks (rev.), '40, 267.
- Niethammer, Günther.**
Handbuch der Deutschen Vogelkunde (rev.), part 1, '37, 552-553; part 2, '39, 345-346.
Ueber den Kropf der männlichen Grosstrappe (rev.), '38, 577.
Über die Beziehungen zwischen Flügellänge und Wanderstrecke bei einigen europäischen Singvögeln (rev.), '38, 577.
Ornithologisches aus der Rheinprovinz (rev.), '39, 358.
- niger (Nephoecetes), see Nephoecetes.**
- nigerrimus (Coloeus), see Coloeus.**
- Nighthawk, see Chordeiles minor.**
Eastern, see Chordeiles minor.
Florida, see Chordeiles chapmani.
Pacific, see Chordeiles hesperis.
Sennett's, see Chordeiles sennetti.
Texas, see Chordeiles texensis.
Western, see Chordeiles henryi.
- Nightingale, see Luscinia megarhyncha.**
Peking, see Leiothrix lutea.
- Nightingale-thrush, Fulvous, see Catharus fulvescens.**
- Nightjar, Cuban, see Antrostomus cubanensis.**
European, see Caprimulgus europaeus.
Long-tailed, see Scotornis climacurus.
Manila, see Caprimulgus manillensis.
Pennant-winged, see Macrodipteryx longipennis.
Philippine, see Caprimulgus griseatus.
Salvador, see Caprimulgus salvadori.
Standard-winged, see Semelophorus vexillarius.
White-throated, see Eurostopodus albugularis.
- nigirius (Charadrius), see Charadrius.**
- nigra (Chlidonias), see Chlidonias.**
— (Ciconia), see Ciconia.
— (Coracopsis), see Coracopsis.
— (Melopyrrha), see Melopyrrha.
— (Monasa), see Monasa.
— (Myzomela), see Myzomela.
— (Rynchops), see Rynchops.

nigrescens (Caprimulgus), see Caprimulgus.
 — (Certhia), see Certhia.
 — (Chlorophoneus), see Chlorophoneus.
 — (Dendroica), see Dendroica.
 — (Geospiza), see Geospiza.
 nigricans (Branta), see Branta.
 — (Centropus), see Centropus.
 — (Certhia), see Certhia.
 — (Petrochelidon), see Petrochelidon.
 — (Pterocles), see Pterocles.
 — (Pycnonotus), see Pycnonotus.
 — (Sayornis), see Sayornis.
 nigricantius (Ciccaba), see Ciccaba.
 — (Syrnium), see Ciccaba.
 nigricapillus (Perisoreus), see Perisoreus.
 nigricaudatus (Heleodytes), see Heleodytes.
 nigriceps (Poliophtila), see Poliophtila.
 — (Spermestes), see Spermestes.
 — (Todiostrostrum), see Todiostrostrum.
 nigricolis (Busarellus), see Busarellus.
 — (Colymbus), see Colymbus.
 — (Podiceps), see Colymbus.
 nigririssus (Ptilorhoa), see Ptilorhoa.
 nigriscristatus (Thamnophilus), see Thamnophilus.
 nigrirides (Turdus), see Turdus.
 nigrifrons (Chlorophoneus), see Chlorophoneus.
 — (Monasa), see Monasa.
 nigrifumosa (Synallaxis), see Synallaxis.
 nigrigenis (Coccopsis), see Coccopsis.
 nigrilineatus (Anthracothonax), see Anthracothonax.
 nigripes (Diomedea), see Diomedea.
 — (Egretta), see Egretta.
 nigrirostris (Columbigallina), see Columbigallina.
 nigritorquis (Rhipidura), see Rhipidura.
 nigriventris (Microrhopias), see Microrhopias.
 nigrocincta (Tangara), see Tangara.
 nigrofasciata (Thaluranian), see Thaluranian.
 nigrogularis (Psophodes), see Psophodes.
 nigrolineata (Ciccaba), see Ciccaba.
 nigrorum (Halcyon), see Halcyon.
 nigroventris (Euplectes), see Euplectes.
 nilgiriensis (Saxicola), see Saxicola.
 nilotica (Gelocheilidon), see Gelocheilidon.
 Niltava smithi, *tax.* '33, 381.
 Ninor, *dist.* '37, 215; *plm.* '36, 56.
 novae-seelandiae (New Zealand Owl), *N. Z.* '34, 491.
 nipalensis (Bubo), see Bubo.
 — (Psittacula), see Psittacula.
 nisorina (Sylvia), see Sylvia.
 Nissen, Claus.
 Schöne Vogelbücher (rev.), '36, 355.

nisus (Accipiter), see Accipiter.
 nitens (Phainopepla), see Phainopepla.
 — (Phainopepla), see P. lepidia.
 nitida (Poecilodryas), see Poecilodryas.
 nitidus (Vireo), see Vireo.
 nivalis (Chen), see C. atlantica.
 — (Montifringilla), see Montifringilla.
 — (Plectrophenax), see Plectrophenax.
 nivea (Pagodroma), see Pagodroma.
 niveoventer (Saucerottia), see Saucerottia.
 nivosus (Charadrius), see Charadrius.
 njombe (Alethe), see Alethe.
 nobilis (Capella), see Capella.
 — (Francolinus), see Francolinus.
 — (Lampornis), see Lampornis.
 Noble, Gladwyn Kingsley, 1894-1940.
 Courtship and sexual selection of the flicker (Colaptes auratus luteus), '36, 269-282.
 Noble, G. K., and Lehman, D. S.
 Egg recognition by the laughing gull, '40, 22-43.
 Noble, G. K., and Vogt, W.
 An experimental study of sex recognition in birds, '35, 278-286.
 The role of dominance in the social life of birds, '39, 263-273.
 Noble, G. K., Wurm, M., and Schmidt, A.
 Social behavior of the black-crowned night heron, '38, 7-40.
 Noble, Willis Bernard.
 Sod webworms and their control in lawns and golf greens (rev.), '35, 115-116.
 noctipetens (Asio), see Asio.
 noctis (Loxigilla), see Loxigilla.
 noctitherus (Caprimulgus), see Caprimulgus.
 noctivagus (Crypturellus), see Crypturellus.
 — (Lurocalis), see Lurocalis.
 Noctua podargina (^bPyrroglau), *Pelew* Is. '38, 699.—*tax.* '38, 699^b.
 noctua (Athene), see Athene.
 Noddy, see Anous stolidus.
 Noll, H.
 Beringungsergebnisse an unseren schweizerischen Lachmöven (rev.), '37, 224.
 Nomonyx dominicus (^aMasked Duck), *fd.* '39, 490^a.
 Nonnula simplex, *S. Am.* '38, 309.
 Nonpareil, see Passerina ciris.
 nopcsai (Elopteryx), see Elopteryx.
 Nordberg, Sven.
 Biologische-ökologische Untersuchungen über die Vogelnicolien (rev.), '37, 566.
 nordmanni (Glareola), see Glareola.

norfolkensis (*Hypotaenidia*), see *Hypotaenidia*.

Norris, Joseph Parker, 1871-1931.

Obituary, '31, 329-330, '32, 70.

Norris, Leo Chandler, and **Bauernfeind**, J. C.

see *Bauernfeind* and *Norris*.

North American Wild Life Conference.

Meeting, 1936, '36, 259; 1937, '37, 426.

North Carolina.

Allen, R. P., '31, 592-593, '32, 219-220.

Boggs, M. A., '33, 233-234.

Brimley, H. H., '34, 233-234, 237, 237-238, '35, 443-444, 445, 460, '38, 130-131.

Burleigh, T. D., '35, 340 (rev.), '37, 452-460.

Carson, H. L., Jr., '40, 421.

Clark, A. H., and Clark, L. F., '34, 80.

Coker, C. M., '33, 225.

Cottam, C., '33, 231-232, 353, '34, 94-96, 376, '35, 318-319, 438, '36, 332-333.

Cottam, C., et al., '37, 548-549.

Dingle, E. S., and Sprunt, A., Jr., '32, 454-455.

Duvall, A. J., '37, 461-463.

Ganier, A. F., '34, 372.

Greene, E. R., '35, 319-320, 442, '36, 83, 209.

Gross, A. O., '31, 511.

Gutsell, J. S., '31, 105-106.

Howard, W. J., '40, 523-531.

Kuerzi, J. F., '31, 116.

MacNeille, M. C., '32, 213.

Mayr, E., '35, 185.

Murphy, R. C., and Vogt, W., '33, 332.

Murray, J. J., '32, 103-104, '33, 232, 368, '35, 459, '36, 81.

Odum, E. P., '32, 362-363, '33, 116, 117.

Odum, E. P., and Taylor, E. R., '34, 396-397.

Ogburn, C., Jr., '31, 273.

Pearson, T. G., '34, 87-88, '40, 423-424.

Pitts, G., '38, 552.

Sprunt, A., Jr., '32, 80, 100, 104-105,

'33, 122-123, 232-233, '34, 531, '35, 80, 91, 470.

Sprunt, A., Jr., and Murray, J. J., '36, 77.

Stevenson, J. O., and Howard, W. J., '39, 343-344.

Stone, W., '31, 111.

Taylor, O. B., '38, 525.

Wallace, R. B., '36, 227.

Williams, E. A., '35, 458.

North Dakota.

Brodkorb, P., '35, 183-184.

Fox, A. C., '37, 534-535, '40, 109, 118.

Gillis, F., '32, 226.

Gross, A. O., '31, 511.

Henry, C. J., '38, 271, 554, '39, 75.

Johnson, A., '31, 283-284, '32, 93, 105, '34, 102-103.

Lewis, H. F., '31, 210.

Philipp, F. B., '36, 222.

Walkinshaw, L. H., '40, 155, 166.

northropi (*Icterus*), see *Icterus*.

Northwest Territories.

Anderson, R. M., '38, 145 (rev.).

Northwood, J. d'Arcy.

Notes on Hawaiian bird life (rev.), '38, 578.

Norton, Arthur Herbert.

The long-billed marsh wren (*Telmodytes palustris dissaeptus*) in Maine, '33, 112-113.

A black gyrfalcon (*Falco rusticolus obsoletus*) from New Hampshire, '33, 212.

The barn owl (*Tyto alba pratincola*) in Maine, '33, 220.

The pintail duck (*Dafila acuta tzitzihua*) wintering in Maine, '33, 353-354.

The European widgeon (*Mareca penelope*) again in Maine, '33, 354.

The breeding habits and breeding range of Leach's petrel, '34, 75-76.

Second occurrence of the yellow-nosed albatross (*Thalassogeron chlororhynchus*) in Maine, '34, 507-508.

An exhausted sharp-shinned hawk, '35, 304-305.

The fulmar (*Fulmarus glacialis glacialis*) in Maine, '36, 74.

Norton, A. H., and **Allen**, R. P.

Breeding of the great black-backed gull and double-crested cormorant in Maine, '31, 589-592.

Leach's petrel on the coast of Maine, '32, 340-341.

notabilis (*Seiurus*), see *Seiurus*.

Notharchus cryptoleucus, *Sal.* '34, 549.

subtectus, *C. R.* '33, 300.

Nothoprocta curvirostris, *Ecuad.* '34, 149.—*nest*, '34, 149.

Nothura caarensis, *Braz.* '32, 506.

schreineri, *Braz.* '38, 695.

spixi, *Braz.* '38, 695.

Notiicichla baeticata, *misc.* '32, 137.

Notiopsar reynoldsi, *Tierra del Fuego*, '39, 206.

notius (*Leptotila*), see *Leptotila*.

— (*Vireo*), see *Vireo*.

Nova Scotia.

Allen, Elsa G., '39, 283-290.

Allen, F. H., '40, 75-82.

Gilliard, E. T., '37, 379-381.

Godfrey, W. E., '39, 102 (rev.).

- Gould, V. E., '32, 468-470.
 Gross, A. O., '31, 511, '37, 12-42.
 Grosvenor, G., '31, 111-112.
 Lewis, H. F., '37, 73-88.
 Murphy, R. C., and Vogt, W., '33, 326.
 Pettingill, O. S., Jr., '39, 498 (rev.).
 Smith, R. W., '38, 548-550.
 Snyder, L. L., '40, 568-569.
 Tufts, R. W., '35, 334 (rev.), '39, 88,
 109 (rev.), 207 (rev.), '40, 132 (rev.).
- Nova Zembla.**
 Gorbunoff, G., '31, 150-151 (rev.).
 Grote, H., '32, 506 (rev.).
- novae-hollandiae* (Accipiter), see *Accipiter*.
 — (Coracina), see *Coracina*.
 — (Dromiceius), see *Dromiceius*.
 — (Irediparra), see *Irediparra*.
 — (Larus), see *Larus*.
 — (Menura), see *Menura*.
 — (Scythrops), see *Scythrops*.
- novae-zealandiae* (Anas), see *Nyroca*.
 — (Anthus), see *Anthus*.
 — (Hemiphaga), see *Hemiphaga*.
 — (Ninox), see *Ninox*.
 — (Nyroca), see *Nyroca*.
 — (Prothemadera), see *Prothemadera*.
 — (Zeafelix), see *Nyroca*.
- novae-zealandiae* (Apteryx), see *Apteryx*.
 — (Limosa), see *Limosa*.
- noveboracensis* (Coturnicops), see *Coturnicops*.
 — (Seiurus), see *Seiurus*.
 — (Vireo), see *Vireo*.
- novicus* (Chlorospingus), see *Chlorospingus*.
- Novipulsatrix**, *tax.*, '33, 460, '34, 236.
nubicola (Chaetura), see *Chaetura*.
- Nubling, E.**
 The painting of the satin bower-bird's
 bower (rev.), '40, 130.
- nuchalis* (Ciccaba), see *Ciccaba*.
- Nucifraga**, *eye*, '38, 235.
caryocatactes (Nutcracker), *hbt.* '31,
 640.
columbiana (*Clark's Nutcracker,
 Clark's Crow), *Ariz.* '37, 64; *B. C.* '38,
 297^a—*type loc.* '34, 552^a.
nudigenys (Turdus), see *Turdus*.
nudipes (Bubo), see *Otus clarkii*.
 — (*Otus*), see *O. clarkii*.
- Numenius**, *tax.* '34, 540.
americanus (*Long-billed Curlew),
Alta. '31, 418; *Fla.* '31, 250; *Ga.* '31,
 281; *Mass.* '39, 332-333; *Mex.* '35, 252,
 424^a; *S. C.* '31, 281, '33, 215, '36, 79;
S. D. '38, 554; *Tex.* '38, 66.—*flight*, '33,
 314^a; *meas.* '38, 554; *mig.* '38, 66;
protec. '40, 290^a.
arquatus (*European Curlew, *barcua-*
tus, *Engl.* '39, 493^a; *Finl.* '38, 578^a.—
behav. '37, 267^b, 268^a; *hbt.* '35, 410; *mig.*
 '40, 127; *misc.* '35, 495, '36, 253, '39,
 333^a.
occidentalis (Northern Curlew, *bpar-*
vus), *nomen.* '39, 100^b.
Numida bodalyae, *Angola*, '34, 268.
galeata, *Gold Coast*, '37, 565.
- Numididae**, *eye*, '38, 238; *misc.* '37, 219.
nuperus (Ceophloeus), see *Ceophloeus*.
 Nutcracker, see *Nucifraga caryocatactes*.
 Clark's, see *Nucifraga columbiana*.
 Nuthatch, Black-eared, see *Sitta melano-*
tis.
 Brown-headed, see *Sitta pusilla*.
 Chihuahuan Pygmy, see *Sitta chi-*
huahuae.
 Chisos, see *Sitta oberholseri*.
 Corsican, see *Sitta caesia*.
 European, see *Sitta europaea*.
 Florida, see *Sitta atkinsi*.
 Gray-headed, see *Sitta caniceps*.
 Mexican White-breasted, see *Sitta*
mexicana.
 Red-breasted, see *Sitta canadensis*.
 Rocky Mountain, see *Sitta nelsoni*.
 Slender-billed, see *Sitta aculeata*.
 White-breasted, see *Sitta carolinensis*.
- Nutt, David Clark, and Aldrich, J. W.**
 see Aldrich and Nutt.
- Nuttall, Thomas**, 1786-1859.
 [His travels and scientific collections]
 (rev.), '37, 417-418.
 [Data as to his early life] (rev.), '38,
 696.
- Nuttall Ornithological Club.**
 Sixtieth anniversary, '34, 137.
 See Batchelder, C. F., 'An account of
 the Nuttall Ornithological Club,
 1873-1919' (rev.), '38, 294-295.
- nutalli* (Phalaenoptilus), see *Phalaen-*
optilus.
 — (*Pica*), see *Pica*.
 — (*Zonotrichia*), see *Zonotrichia*.
- Nuttallornis**, *Peru*, '40, 277.
mesoleucus (*Olive-sided Flycatcher,
borealis, *cooperi), *Alta.* '38, 47; *Ariz.*
 '39, 323^b; *Mex.* '40, 239^b; *Okla.* '36,
 433^b; *Pan.* '31, 120^a; *Va.* '36, 448^a; *W.*
Va. '34, 395, '40, 577^a; *Wisc.* '31, 282.
 —*cowbird host*, '38, 47; *nomen.* '31, 294,
 '34, 548^a; *song*, '38, 266^a.
- nyansae* (Barbatula), see *Barbatula*.
 — (*Dryoscopus*), see *Dryoscopus*.
- nyasae* (Anomalospiza), see *Anomalo-*
spiza.
 — (*Laniarius*), see *Laniarius*.
- Nyasaland.**
 Belcher, C. F., '31, 288-289 (rev.).
 Benson, C. W., '37, 560 (rev.), 689
 (rev.), '39, 492 (rev.).

Kinnear, N. B., '39, 104 (rev.).

Nyctala, *tax.* '38, 180.

Nyctale, see *Cryptoglaux*.

Nyctanassa, *hbt.* '37, 253.

violacea (*Yellow-crowned Night

Heron, *Larus vero*), *Antigua*, '34, 355; *Fla.* '35, 462, '36, 100^a; *Ill.* '38, 122, 519; *La.* '33, 350^a, '37, 293; *Me.* '38, 550; *Md.* '32, 362; *Mass.* '32, 492, '34, 246, '37, 379^a; *N. J.* '40, 561; *N. Y.* '34, 248, '36, 666-667; *N. S.* '38, 548, '39, 102^a; *O.* '31, 593; *Okla.* '38, 121-122, 502; *R. I.* '34, 369; *Tex.* '33, 61, 350^a, '38, 64.—*fd.* '33, 350^a; *fos.* '35, 361^b; *nid.* '33, 350^a, '38, 667; *misc.* '38, 35, 518^a.

Nyctea, *anat.* '38, 180.

nyctea (*Snowy Owl, *b*scandiaca), *Ala.* '32, 352; *Baf. I.* '40, 16^a; *Can.* '38, 570^a, '39, 493^a; *Finn.* '37, 568^a; *Ga.* '31, 268, '38, 244^a; *Hudson B.* '37, 418^a; *Ill.* '35, 101, 464, 465; *Labr.* '37, 46^a; *Man.* '31, 167^a; *Md.* '31, 267; *Mass.* '34, 246; *Mich.* '31, 424, 592, '32, 351, '34, 26, '35, 201, '36, 373^a; *N. E.* '35, 310; *N. J.* '31, 267; *N. Y.* '38, 280^a; *N. C.* '39, 343-344; *O.* '32, 221; *Ont.* '39, 411-419^a; *Que.* '31, 245^a, '35, 310, '38, 303^a; *S. C.* '32, 351; *Tenn.* '31, 267; *Va.* '36, 333.—*egg.* '40, 49^a, 55^a; *eye.* '38, 231; *fluctuating nos.* '39, 411-419^a; *fd.* '31, 507, 592, '34, 258, '37, 44-45, '38, 303^a, '39, 416^a; *incub.* '40, 55^a, 59^a; *map.* '31, 502, 506; *meas.* '31, 268; *mig.* '31, 501-511^a, '37, 568^a, '39, 489^a; *nomen.* '32, 263^b, '39, 196^b; *paras.* '37, 42; *pelleis.* '38, 191, 303^a; *pl.* '31, 504; *wt.* '31, 267, '38, 517; *wing area.* '38, 517; *misc.* '36, 237^a, 463^a, '37, 45^a, 48^a, '39, 94^a, 441^a.

Nyctibius, *hbt.* '37, 111.

cornutus (Urutau), *misc.* '36, 250.

griseus (Panama Potoo), *misc.* '37, 148.

Nycticorax, *Argent.* '37, 231.—*behav.* '37, 233.

hoactili (*Black-crowned Night Heron, *b*naevius), *Acadia*, '39, 287^a, '40, 79^a; *Antigua*, '34, 356, '39, 304; *Calif.* '36, 322; *Can.* '40, 78^a; *Cuba*, '38, 689^a; *Fla.* '36, 347; *Ida.* '34, 39; *Ill.* '38, 518, '39, 73^a; *Ia.* '38, 298^a, '39, 36; *La.* '33, 351^a, '37, 293; *L. C.* '32, 77^a; *Me.* '31, 423^a, 592^b, '33, 125^b, '35, 316, '39, 251^a; *Md.* '36, 95^a; *Mass.* '39, 251^a, 492^a; *Minn.* '38, 689^a; '40, 412^a; *N. H.* '38, 296^a; *N. J.* '36, 394^a, 395^a, '40, 106, 561^a; *N. Y.* '31, 567-569^b, '38, 7-37, 666-667^a, '39, 200^a, 470^a; *N. S.* '38, 548; *O.* '31, 375^b, '37, 539^a; *Ont.* '39, 251^a; *Pan.* '33, 303; *Pa.* '33, 93^b; *Que.*

'39, 251^a; *Sask.* '38, 518^a, '39, 251^a; *Tex.* '38, 64; *Utah*, '37, 389^a; *W. Va.* '34, 249, '38, 128.—*aviary.* '37, 522^a, '38, 7-37; *band.* '38, 689^a, '39, 251^a; *behav.* '38, 7-37, '39, 264, 273^a, 383^a, 406^a, '40, 218^a; *bibl.* '38, 38-39; *colors.* '38, 30-31, 37; *courtship.* '38, 20-37, '39, 265^a; *egg.* '40, 56^a; *hbt.* '33, 93^b, '38, 7-37; *incub.* '40, 56^a, 58^a; *life hist.* '38, 7-37; *melan.* '38, 518; *mig.* '39, 251^a; *nest.* '31, 567^b, '34, 39-41; *note.* '38, 8, 11, 13, 25; *pl.* '31, 568^b, '36, 322-323, '38, 16, 20, 28; *wt.* '31, 573^b, '38, 517; *wing area.* '38, 517.

nycticorax (*European Black-crowned Night Heron), *Fr.* '31, 468; *Germ.* '39, 346^a.—*behav.* '38, 7, 35; *fd.* '40, 594^a; *misc.* '38, 39.

Nycticryphes semi-collaris (*b*Rostratula), *misc.* '35, 223^b.

Nyctidromus intercedens, *Hond.* '36, 190.—*colors.* '36, 190.

merrilli (Merrill's Pauraque), *Tex.* '39, 159.—*fd.* '39, 159-160.

Nyctiphrynus brunescens, *Bras.* '37, 562.

Nyctipolus, see *Caprimulgus*.

nyikae (Mirafr), see *Mirafr*.

— (Othyphantes), see *Othyphantes*.

Nymphicus hollandicus, *disease.* '40, 332.

Nyroca, '39, 151.

affinis (*Lesser Scaup Duck), *Ark.* '31, 236; *Conn.* '34, 513, '36, 226; *Conn. Val.* '32, 361; *Ga.* '31, 256; *Ill.* '34, 102; *Ia.* '39, 36; *La.* '34, 328-337, '40, 91, 93^a; *Me.* '40, 246; *Mass.* '32, 442-444^a, '33, 367; *Mex.* '35, 251, 424^a; *Mich.* '35, 202^a; *N. C.* '36, 227; *O.* '31, 257, 367, '35, 202^a; *Pa.* '35, 198, '36, 94^a; *S. C.* '32, 383^a, '40, 413; *Va.* '33, 448; *W. Va.* '38, 130; *Wisc.* '35, 101^a, '36, 324.—*age.* '34, 330; *band.* '32, 383^a, '34, 328-337, '40, 91; *eclipse.* '38, 273; *fd.* '40, 246; *sex ratio.* '34, 332, '40, 91, 93^a; *wt.* '38, 517; *wing area.* '38, 517.

americana (*Redhead, Redhead Duck, *b*Marila), *Ia.* '37, 534, '39, 36; *La.* '34, 328-337^a, '40, 286^a; *Mass.* '32, 441-444^a, '33, 445, '39, 136^a; *Mex.* '35, 251; *Mont.* '33, 210; *O.* '31, 373, 376^a; *Pa.* '34, 368^a, '36, 440; *R. I.* '39, 375^a; *W. Va.* '38, 130; *Wisc.* '35, 101^a.—*band.* '34, 328-337^a; *egg.* '40, 50^a, 55^a; *flight.* '33, 313^a; *fd.* '39, 490^a; *incub.* '40, 55^a, 58^a; *protec.* '37, 427^a, '39, 214^a, '40, 289^a; *wt.* '31, 572^b; *misc.* '38, 288^a.

collaris (*Ring-necked Duck, *b*Marila), *Ark.* '36, 349^a; *Conn.* '32, 361, '39, 134; *Del.* '34, 227-228, '38, 401; *Ill.* '34, 102; *Ky.* '39, 471^a; *La.* '34,

328-337, '40, 91, 93^a; *Me.* '35, 316, '37, 382-383, '38, 401-404, '39, 134, '40, 245, 246^a; *Mass.* '32, 232, 441-444^a, '36, 323^b, '38, 401, 402, '39, 134-137, '40, 266^a; *Mich.* '37, 464, '38, 402, '39, 202^a; *Minn.* '38, 401; *N. B.* '38, 402, 403, '39, 134; *N. J.* '38, 401, '39, 134; *N. Y.* '38, 401, '39, 134; *N. C.* '36, 227, '38, 401; *Ont.* '38, 401, 402; *Pa.* '35, 198, '36, 94^a, 440, '38, 402; *R. I.* '35, 78, 181; *S. C.* '36, 329; *W. Va.* '38, 128, 130; *Wisc.* '38, 401.—*age*, '34, 330; *band*, '34, 328-337, '40, 91; *dist.* '38, 401-404; *fd.* '39, 490^a, '40, 245, 246^a; *misg.* '36, 329, '39, 134-137; *sex ratio*, '34, 332, '40, 91, 93^a; *wt.* '38, 517; *wing area*, '38, 517; *young*, '36, 440.

erythrophthalma (^bAnas, ^cPhaeonetta), *tax.* '36, 475^b.

ferina (Pochard), *hyb.* '40, 591; *misc.* '34, 560.

fuligula (*Tufted Duck), *Finl.* '38, 691.—*dist.* '33, 202; *hbt.* '38, 691, 692; *misc.* '36, 365^a.

marila (*Greater Scaup Duck, ^bne-arctica, *Marila), *Fla.* '31, 247^a; *La.* '34, 328^a; *Me.* '40, 246; *Mass.* '32, 442-444^a; *Mich.* '35, 202; *N. H.* '36, 225; *N. Y.* '35, 181, '36, 324; *O.* '31, 257^b, '35, 202; *Pa.* '34, 368^a, '39, 472^a; *P. I.* '38, 172^a; *Que.* '31, 244^a; *R. I.* '39, 374-379; *Tenn.* '36, 119; *W. Va.* '38, 128, 130; *Wisc.* '36, 324, 325^a.—*anat.* '35, 181; *band*, '34, 328^a; *fd.* '39, 374-379, 490^a, '40, 246; *wt.* '31, 573^a.

novaeaeelandiae (*New Zealand Scaup, ^bAnas, ^cZeafulix), *N. Z.* '34, 490, '38, 151^a, 273^a.—*eclipse*, '38, 273^a; *tax.* '38, 151^b.

valisineria (*Canvas-back, ^bMarila), *Fla.* '31, 247^a, '36, 347; *Ia.* '37, 534, '39, 36; *Jap.* '31, 642^a; *La.* '34, 328-337^a, '40, 93^a, 408; *Mass.* '32, 232, 441-444^a, '39, 136^a; *Mich.* '36, 374^b; *O.* '31, 374, 376^a; *Pa.* '34, 368^a, '35, 198; *Tex.* '35, 99; *W. Va.* '38, 130.—*band*, '34, 328-337^a; *flight*, '33, 314^a; *fd.* '39, 490^a; *protec.* '37, 427^a, '39, 214^a, '40, 289^a; *sex ratio*, '34, 332^a, '40, 93^a.

O

Oastler, Frank Richard, 1871-1936.

Obituary, '37, 126.

oaxacae (Dendrortyx), see Dendrortyx.

Oberholser, Harry Church.

Report of the Ridgway Memorial Committee, '31, 95-104.

A new genus of African starlings (rev.), '31, 149-150.

Another new subspecies of Nannus

troglodytes from Alaska (rev.), '31, 150.

Notes on a collection of birds from Arizona and New Mexico (rev.), '31, 294-295.

Ammospiza caudacuta diversa (Bishop) a valid race, '31, 610-611.

The Atlantic Coast races of **Thryospiza maritima** (Wilson) (rev.), '32, 132.

[Obituary of] Henry Philemon Attwater, '32, 144-145.

New birds from Brazil (rev.), '32, 257.

Description of a new **Odontophorus** from Costa Rica (rev.), '32, 382.

The birds of the Natuna Islands (rev.), '32, 383.

Descriptions of new birds from Oregon (rev.), '33, 141.

Robert Ridgway: a memorial appreciation, '33, 159-169.

A revision of North American house wrens (rev.), '35, 121.

A revision of the clapper rails (**Rallus longirostris** Boddaert) (rev.), '38, 306.

The bird life of Louisiana (rev.), '39, 91-92.

[Obituary of] Samuel Prentiss Baldwin, '39, 210.

Oberholser, H. C., Baldwin, S. P., and Worley, L. G.

see Baldwin, Oberholser and Worley.

oberholseri (Empidonax), see Empidonax.

— (**Eurystomus**), see Eurystomus.

— (**Sitta**), see Sitta.

— (**Thryothorus**), see Thryothorus.

Oberholseria chlorura (*Green-tailed Towhee), *Aris.* '36, 298; *Mont.* '36, 231^a; *Va.* '33, 198.

oberi (Icterus), see Icterus.

— (**Rhinoptynx**), see Rhinoptynx.

obiensis (Tanygnathus), see Tanygnathus.

oblita (Rynchops), see Rynchops.

oblitus (Passerculus), see Passerculus.

— (**Pheugopedius**), see Pheugopedius.

— (**Ramphastos**), see Ramphastos.

obscura (Larvivora), see Larvivora.

— (**Speotyto**), see Speotyto.

— (**Tyrannula**), see Tyrannula.

obscurior (Hylophylax), see Hylophylax.

obscurus (Ammodramus), see Ammodramus.

— (**Dendragapus**), see Dendragapus.

— (**Molothrus**), see Molothrus.

— (**Perisoreus**), see Perisoreus.

— (**Puffinus**), see P. lherminieri.

— (**Turdus**), see Turdus.

— (**Tyrannus**), see Tyrannus.

obsoletus (Ceophloeus), see Ceophloeus.

— (**Falco**), see Falco.

- (Rallus), see Rallus.
 — (Salpinctes), see Salpinctes.
 — (Tetrao), see Tetrao.
occidentalis (Aechmophorus), see Aechmophorus.
 — (Ardea), see Ardea.
 — (Branta), see Branta.
 — (Bubo), see Bubo.
 — (Catharus), see Catharus.
 — (Certhia), see Certhia.
 — (Charadrius), see Charadrius.
 — (Dendroica), see Dendroica.
 — (Empidonax), see Empidonax.
 — (Geopsittacus), see Geopsittacus.
 — (Geothlypis), see Geothlypis.
 — (Larus), see Larus.
 — (Molothrus), see Molothrus.
 — (Myiozetetes), see Myiozetetes.
 — (Myrmeciza), see Myrmeciza.
 — (Numenius), see Numenius.
 — (Passerherbulus), see *P. henslowi*.
 — (Pelecanus), see Pelecanus.
 — (Penthestes), see Penthestes.
 — (Sialia), see Sialia.
 — (Strix), see Strix.
 — (Tyrannus), see Tyrannus.
occidentis (Talegalla), see Talegalla.
occipitalis (Casuarius), see Casuarius.
 — (Picus), see *P. sanguiniceps*.
occulta (Pipra), see Pipra.
oceanicus (Oceanites), see Oceanites.
Oceanites oceanicus (*Wilson's Petrel), *Antarctic*, '37, 151, 416; *Atlantic*, '32, 188; *Ga.* '39, 355; *Gulf of Mex.* '35, 74; *Labr.* '37, 17, 151; *Me.* '37, 17, '38, 550; *Mass.* '33, 91; '40, 223; *N. Y.* '34, 367, '39, 177; *N. S.* '37, 17; *Pa.* '34, 94; *Que.* '39, 178; *S. Georgia*, '36, 460; *S. Orkneys*, '36, 460; *Va.* '33, 193.—*band.* '33, 91; *egg.* '40, 57; *flight*, '40, 223; *incub.* '40, 50, 57; *misc.* '37, 148, '40, 75, 76.
Oceanodroma castro (Madeira Petrel), *Ont.* '34, 77.—*misc.* '37, 530.
furcata (Fork-tailed Petrel, ^bplumbea), *dist.*, *tax.*, '40, 127.
kelsalli, *Mex.* '38, 257-259.—*dist.*, *meas.*, '38, 257-259.
leucorhoa (*Leach's Petrel), *Atlantic*, '32, 187; *D. C.* '31, 106, '34, 75; *Ice.* '37, 109; *Labr.* '37, 17-18; *Me.* '31, 592, '32, 340; '35, 382, '38, 550; *Mass.* '32, 212, '33, 426, '35, 179, '39, 177; *N. B.* '40, 61-73; *N. H.* '35, 96, '39, 178; *N. J.* '34, 74; *N. Y.* '34, 74, 75; *N. S.* '37, 17; *Pa.* '34, 74; *Que.* '31, 245; *Venez.* '37, 530; *Vi.* '34, 75, '39, 177-178; *W. I.* '35, 74.—*behav.* '40, 61-73; *dist.* '34, 75, '35, 179, 384; *egg.* '35, 389, '40, 57; *fd.* '35, 385; *growth*, '35, 391; *hbt.* '35, 382, '40, 61-63; *homing*

- instinct.* '40, 61-73; *incub.* '35, 390, '40, 50, 57; *meas.* '35, 398, '37, 17; *nest.* '34, 75, '35, 387, '37, 17; *pl.* '35, 386, 390; *plm.* '35, 392; *voice.* '33, 426, '35, 179, 386; *wt.* '37, 17, '38, 515; *wing area.* '38, 512, 515; *misc.* '36, 243.
melania (Black Petrel, ^bProcellaria), *tax.* '34, 423.
tethys (^bProcellaria), *Galap.* '38, 256.—*dist.* '38, 258-259; *meas.* '38, 257; *tax.* '33, 383.
ocellata (Agriocharis), see Agriocharis.
 — (Leipoa), see Leipoa.
 — (Rheinardia), see Rheinardia.
 — (Strix), see Strix.
 — (Turnix), see Turnix.
ocellatus (Cyrtonyx), see Cyrtonyx.
ochotensis (Locustella), see Locustella.
ochoterna (Claravis), see Claravis.
ochraceiventris (Grallaria), see Grallaria.
ochraceus (Troglodytes), see Troglodytes.
ochrocephala (Amazona), see Amazona.
ochrocephalus (Centronyx), see Ammodramus bairdi.
 — (Psittacus), see Amazona.
ochropus (Tringa), see Tringa.
ochropygia (Chaetura), see Chaetura.
ochrurus (Phoenicurus), see Phoenicurus.
O'Connor, John Cristopher, 1847-1933.
 Obituary, '34, 70, 135.
oculatus (Zonaeginthus), see Zonaeginthus.
Ocyphaps lophotes (*Australian Crested Dove), *aviary*, '37, 417.
Odontoglossae, '40, 167.
Odontophorus leucolaemus (^bsmithianus), *C. R.* '32, 382.—*tax.* '33, 298.
loricatus (^bcapistratus), *Bol.* '33, 142.—*nomen.* '33, 250.
matudae, *Mex.* '39, 353.
snethlagel, *Braz.* '38, 696.
Odum, Eugene Pleasants.
 Notes from Chapel Hill, North Carolina, '32, 362-363.
 A Brewster's warbler in North Carolina, '33, 116-117.
 Spring occurrence of the Tennessee warbler in North Carolina, '33, 117.
Odum, E. P., and **Pitelka**, F. A.
 Storm mortality in a winter starling roost, '39, 451-455.
Odum, E. P., and **Taylor**, E. R.
 1933 notes from Chapel Hill, N. C., '34, 396-397.
oedinemus (Burhinus), see Burhinus.
Oehlenschlaeger, Elizabeth Auguste.
 Orthopedic surgery on a white pelican, '37, 520-523.
Oehser, Paul Henry, and **Cheesman**, W. H.
 see Cheesman and Oehser.

- Oena capensis* (*Cape Dove), *aviary*, '37, 417*.
- Oenanthe*, *hbt.* '40, 176.
- boscaweni*, *Arabia*, '38, 298.
- chrysopygia*, *Arabia*, '37, 405.—*syn.* '37, 405.
- leucorhoa* (*Greenland Wheatear), *Atlantic*, '32, 190; *Baf. I.* '38, 492-495, '40, 16*; *Colo.* '38, 494; *Greenl.* '33, 135; *Labr.* '38, 494; *La.* '38, 494; *Mass.* '38, 494; *N. Y.* '38, 494; *Pa.* '38, 494; *Que.* '38, 494.—*dist.* '38, 494; *hbt.* '38, 492; *meas.* '38, 495; *nest.* '38, 493; *note.* '38, 493; *plm.* '38, 492-493; *tax.* '34, 558; *wt.* '38, 495.
- oenanthe* (*European Wheatear), *Alas.* '39, 165; *St. Lawrence I.* '38, 306*.
- cuckoo host*, '38, 569*, '39, 496; *fd.* '39, 165; *mig.* '33, 464; *tax.* '34, 558.
- persica*, *Arabia*, '37, 108.
- schioleri*, *Greenl.* '33, 135; *Holl.* '35, 223.—*mig.* '33, 464; *tax.* '34, 558.
- oenone* (Chrysuronia), see *Chrysuronia*.
- Ogburn*, Charlton, Jr.
- Late nesting of the goldfinch in North Carolina, '31, 273.
- Black and turkey vultures in Westchester County, New York, '38, 521-522.
- Ognev*, Sergius Ivanovich, and *Worobiev*, C. A.
- [On the vertebrate fauna of Woronesh] (rev.), '31, 298.
- Ohio.**
- Akers, J., and Spare, G., '38, 528.
- Aldrich, J. W., '32, 227, 460, '36, 98-99, 329-330, 333-334, '40, 429 (rev.).
- Baker, W. C., '33, 116.
- Baldwin, S. P., and Kendeigh, S. C., '38, 416-467.
- Blincoe, B. J., '31, 596, '33, 362.
- Braund, F. W., '39, 100 (rev.), 200 (rev.), '40, 269 (rev.).
- Brooks, C. K., '40, 563-564.
- Bruce, J., '31, 593-594.
- Campbell, L. W., '31, 123, 128-129, '32, 352-353, '33, 117-118, '34, 85, 241, '35, 87, '36, 90, 92, 441, 452, '37, 397-399, 540, '39, 78-79.
- Campbell, L. W., and Campbell, B. R., '34, 526, '35, 81, '36, 211-212.
- Campbell, L. W., and Trautman, M. B., '36, 213-214.
- Christy, B. H., '31, 365-378.
- Curl, A. L., '32, 225, '33, 442.
- Fleetwood, R. J., '34, 388.
- Gardiner, C. B., '32, 82, '33, 223-224.
- Goetz, C. H., '32, 221.
- Goodpaster, W., and Maslowski, K. H., '37, 397.
- Gross, A. O., '31, 511.
- Herrick, F. H., '32, 307-323.
- Hicks, L. E., '32, 222, 229, '33, 224, 317-322, 441, 448-449, '34, 82, 244-245, 385-386, 401-402, '35, 301-302, 341 (rev.), 454, '36, 212, 227-229, '37, 536-537, 538, 545-546, '38, 149 (rev.), 534, 544-545, '39, 83-84, 355 (rev.).
- Hicks, L. E., and Dambach, C. A., '37, 222 (rev.).
- Kalter, L. B., '32, 87, 90, 108-109, 342, 353-354, 365.
- Kendeigh, S. C., '40, 6-7.
- Maslowski, K. H., '34, 229-230, '37, 539-540.
- Nice, Margaret M., '33, 120, '35, 91-92, '37, 191, '38, 153 (rev.), '39, 347-348 (rev.).
- Perkins, S. E., 3rd., '35, 453.
- Roads, M. K., '31, 265, 439-440, 622, '32, 90-91, 223, 350.
- Sawyer, E., '34, 527.
- Schantz, W. E., '37, 189-191.
- Skaggs, M. B., '37, 227 (rev.).
- Stevenson, J., '31, 431.
- Stewart, P. A., '31, 122, 440-441, '33, 443-444, '37, 324-332.
- Strabala, L. B., '32, 221.
- Thomas, E. S., '32, 479.
- Trautman, M. B., '31, 112, 257-258, '32, 345, '33, 234-236, '35, 201-202, 321-323, '40, 586-587 (rev.).
- Trautman, M. B., et al., '39, 500 (rev.).
- Van Tyne, J., '34, 529-530.
- Vasicek, J. M., '35, 184.
- Watterson, W. H., '31, 435.
- Williams, A. B., '40, 114.
- Oidemia**, '40, 597.
- americana* (*American Scoter), *Conn.* '34, 228-229; *Labr.* '37, 21; *Mass.* '32, 442-444*, '39, 180*; *N. E.* '34, 512; *N. H.* '36, 225; *O.* '34, 401; *Pa.* '39, 472; *S. C.* '31, 258; *W. Va.* '38, 123; *Wisc.* '31, 282.—*mig.* '34, 228-229; *misc.* '33, 86.
- okadai (Prosteganura), see *Prosteganura*.
- okahia (Pterodroma), see *Pterodroma*.
- Oklahoma.**
- Colvin, W., '35, 453, '39, 85-86.
- Crabb, E. D., '31, 147 (rev.).
- Creager, B., '38, 570 (rev.).
- Harmon, J. W., '39, 481.
- Leonard, A. B., '35, 181.
- Long, W. S., '34, 236-237.
- Nice, Margaret M., '31, 123-125, 452-453 (rev.), '38, 121-122.
- Redwine, D. A., '35, 77.
- Semple, J. B., and Sutton, G. M., '38, 274-275.
- Sutton, G. M., '34, 217-220, '35, 176-177, 214-215 (rev.), '36, 432-435,

- 438, '38, 1-6, 277-278, 282, 501-508.
 Wetmore, A., '33, 373.
 okuensis (Coracina), see Coracina.
 Old-squaw, see Clangula hyemalis.
Oligocorax marinavis (^bPhalacrocorax),
tax. '34, 262, '35, 75, 361^b.
mediterraneus (^bPhalacrocorax), *tax.*
 '34, 262, '35, 75, 361^b.
 oligoxantha (Emberiza), see Emberiza.
 olivacea (Amauornis), see Amauornis.
 — (Cyanomitra), see Cyanomitra.
 — (Ortalis), see Ortalis.
 — (Pachycephala), see Pachycephala.
 — (Tiaris), see Tiaris.
 — (Vireosylva), see Vireo.
 olivaceiceps (Penelope), see Penelope.
 olivaceum (Buccanodon), see Buccanodon.
 — (Oncostoma), see Oncostoma.
 olivaceus (Chlorospingus), see Chlorospingus.
 — (Mionectes), see Mionectes.
 — (Peucedramus), see Peucedramus.
 — (Phalacrocorax), see Phalacrocorax.
 — (Psophodes), see Psophodes.
 — (Vireo), see Vireo.
 olivascens (Embernagra), see Embrenagra.
 — (Gymnophithys), see Gymnophithys.
 — (Myiarchus), see Myiarchus.
Oliver, Walter Reginald Brook.
 New Zealand birds (rev.), '31, 300-301.
 The paradise duck (rev.), '37, 111.
 The wrybill plover (rev.), '38, 153.
Olivier, Johannes.
 A seventeenth century representation
 of the cardinal, '31, 611-612.
 olor (Cygnus), see Sthenelides.
 — (Sthenelides), see Sthenelides.
Olsen, Humphrey Adoniram, Olsen, R.
 E., and **Walkinshaw, L. H.**
 see Olsen, R. E., Olsen, H. A., and
 Walkinshaw.
Olsen, Richard Ellsworth.
 Records of rare Michigan birds, 1934,
 '35, 100-101.
Olsen, R. E., Olsen, H. A., and Walkin-
shaw, L. H.
 Snowy owls in southern Michigan, '31,
 424-425.
 Palm warbler breeding in Michigan,
 '31, 614.
 omiltemensis (Catharus), see Catharus.
 — (Xiphocolaptes), see Xiphocolaptes.
 omissa (Tiaris), see Tiaris.
 omissus (Bubo), see Bubo.
Omorhamphus, tax. '34, 261.
Oncostoma, C. Z. '36, 336.
cinereigulare, C. R. '36, 336.—*dist.*
 '36, 336.

- olivaceum** (Lawrence's Bent-billed
 Flycatcher), *C. Z.* '36, 336-337; *Pan.*
 '35, 327.—*dist.* '36, 336; *nid.* '36, 336-
 337.
pacificum, Mex. '39, 353.
 onikakko (Eudynamis), see Eudynamis.
 onocrotalus (Pelecanus), see Pelecanus.
Ontario.
 Allin, A. E., '39, 492 (rev.), '40, 587
 (rev.).
 Baillie, J. L., Jr., '40, 109-110, 269
 (rev.).
 Baillie, J. L., Jr., and Harrington, P.,
 '37, 107, '38, 298.
 Baker, W. C., '32, 100-101.
 Beamer, L. H., '37, 200.
 Brooks, M., '38, 298 (rev.).
 Dear, L. S., '38, 671, '39, 186.
 Devitt, O. E., '36, 322, '37, 101, '38,
 283-284, 300 (rev.), '39, 238-243.
 Ferguson, M. S., '36, 87.
 Fleming, J. H., '36, 340.
 Fleming, J. H., and Snyder, L. L., '40,
 271 (rev.).
 Gross, A. O., '31, 511.
 Gross, Margaret E., '40, 432 (rev.).
 Harrington, P., '40, 272 (rev.).
 Hurlburt, W. E., '36, 207-208.
 Lewis, H. F., '31, 211, 605-606, '32,
 225, '39, 13-27, 104 (rev.), 204 (rev.),
 496 (rev.).
 Lewis, H. F., and Smith, R. W., '39,
 356 (rev.).
 Machulich, D. A., '39, 105 (rev.), 204
 (rev.).
 Miner, M. F., '33, 428.
 Mitchell, Margaret H., '36, 113 (rev.),
 '38, 306 (rev.).
 Mousley, W. H., '33, 125-126.
 Nelles, A. D., '36, 336.
 Ricker, W. E., and Clarke, C. H. D.,
 '40, 131 (rev.).
 Rutter, R. J., '39, 206 (rev.).
 Saunders, W. E., '38, 307 (rev.).
 Saunders, W. E., and Dale, E. M. S.,
 '34, 267 (rev.).
 Sheppard, R. W., '35, 196-197, '36,
 444-445, '37, 205-206, '38, 580
 (rev.), '39, 74-75, 341, 359 (rev.),
 472.
 Snyder, L. L., '32, 258 (rev.), '37, 227-
 228 (rev.), '38, 279, 581 (rev.), '39,
 108 (rev.), '40, 565-566.
 Snyder, L. L., and Logier, E. B. S.,
 '31, 146 (rev.), '32, 125-126 (rev.).
 Snyder, L. L., and Speirs, J. M., '38,
 308 (rev.).
 Speirs, J. M., '38, 284, '39, 411-419.
 Staebler, A. E., '39, 336.
 Taverner, P. A., '33, 110-111, '34, 77,
 '40, 403.

Townson, J., '33, 94.
 Ussher, R. D., '38, 545-546, '40, 132 (rev.).
 Wynne-Edwards, V. C., '32, 468, '33, 360-361.
onusta (Meleagris), see *Meleagris*.
Onychognathus walleri, *Afr.* '40, 321.—*fledg.* '40, 321; *hbt.* '37, 109, '40, 323.
Onychorhynchus, *tax.* '32, 253.
Onychorhynchus, *Peru*, '40, 277.
fraterculus (*Royal Flycatcher), *misc.* '36, 337^a.
oocleptica (Aphelocoma), see *Aphelocoma*.
Ophrydornis, *tax.* '33, 364.
ophthalmicus (Chlorospingus), see *Chlorospingus*.
Opisthocomus hoazin (*Hoatzin), *S. Am.* '40, 426^a.—*anat.* '37, 228^a; *misc.* '38, 140^a.
opisthomelas (Puffinus), see *Puffinus*.
Oporornis agilis (*Connecticut Warbler), *Ark.* '36, 456; *D. C.* '38, 679^a; *Ga.* '35, 462; *Man.* '32, 129^a; *Mich.* '36, 220; *Minn.* '39, 504^a; *N. Y.* '33, 446; *Okla.* '38, 506; *W. Va.* '36, 90, '39, 188^a.—*destr.* '38, 679^a; *feather count*, '38, 168^a; *song*, '38, 220.
formosus (*Kentucky Warbler), *Ala.* '38, 283^a; *D. C.* '34, 528; *Fla.* '32, 488, '35, 198; *Md.* '36, 420-427; *Mo.* '36, 418-420; *N. E.* '37, 379^a; *O.* '34, 386^a, '36, 228^a; *Pa.* '38, 260-262; *W. Va.* '34, 396.—*cowbird host*, '34, 386^a, '38, 260-262; *egg*, '36, 424, 427; *feather count*, '36, 168^a; *fd.* '36, 420; *hbt.* '36, 418-428, 482^a, '38, 260-262; *nid.* '32, 488, '36, 418-428, '38, 260-262; *song*, '36, 427; *misc.* '37, 5^a.
philadelphia (*Mourning Warbler), *Ill.* '39, 481; *Me.* '38, 551; *Md.* '34, 244; *Mass.* '32, 493; *N. Y.* '36, 220; *N. C.* '33, 233; *O.* '33, 117^a; *Okla.* '36, 434; *Ont.* '38, 48; *Pan.* '31, 121^a; *Va.* '34, 90; *W. Va.* '34, 395, '35, 456, 483^a; *Wisc.* '34, 37, '38, 543-544, '39, 481.—*cowbird host*, '38, 48, '39, 481; *hbt.* '31, 64, '38, 543; *life hist.* '34, 37-38; *nest*, '33, 117^a, '34, 37; *pl.* '34, 38; *plm.* '36, 220; *song*, '38, 267^a, 485^a; *wt.* '38, 444.
tolmiei (Macgillivray's Warbler), *Okla.* '38, 506.
optatus (Cuculus), see *Cuculus*.
opuntia (Amphispiza), see *Amphispiza*.
Orangequit, see *Euneornis campestris*.
oratrix (Amazona), see *Amazona*.
Orchilus rufipes, *tax.* '31, 149.
oreas (Rhipidura), see *Rhipidura*.
orecta (Lophortyx), see *Lophortyx*.
oreganus (Junco), see *Junco*.
Oregon.

Baumgartner, F. M., '34, 537-538.
 Burns, F. L., '34, 225, 403-404.
 Cushing, J. E., Jr., '38, 690-691 (rev.).
 Gabrielson, I. N., '33, 216.
 Gordon, K., '32, 218, '40, 119.
 Griffie, W. E., '38, 302 (rev.), '40, 432 (rev.).
 Jewett, S. G., '40, 272 (rev.).
 Jewett, S. G., and Gabrielson, I. N., '33, 87, '40, 580-581 (rev.).
 Lincoln, F. C., '32, 344.
 Miller, A. H., '39, 342-343.
 Stone, W., '34, 225-226.
oregona (Fringilla), see *Pipilo*.
oregonus (Hydrotherikornis), see *Hydrotherikornis*.
 — (Pipilo), see *Pipilo*.
orenocensis (Formicivora), see *Formicivora*.
Oreocharis, *syst.* '33, 463.
Oreocincla affinis, *misc.* '39, 354.
griseiceps, *Indo-China*, '31, 155.
Oreonympha albolimbata, *Peru*, '38, 568.
Oreopeleia albigacies, *misc.* '37, 193.
anthonyi, *Guat.* '37, 193.
beattyi, *St. Croix*, '38, 691; *St. Thomas*, '39, 193.—*type loc.* '38, 691.
chrysis (Key West Quail-dove), *P. R.* '38, 124.—*wt.* '38, 125.
larva (Puerto Rican Quail-dove), *P. R.* '38, 54-55.—*meas.* '38, 55.
lentipes, *C. R.* '31, 306.
martinica, *W. I.* '32, 495.—*meas.* '32, 496.
montana (Ruddy Quail-dove), *Mex.* '37, 193; *P. R.* '38, 54; *V. I.* '38, 553; *W. I.* '32, 494.—*meas.* '32, 495; *misc.* '38, 55.
mystacea (Bridled Quail-dove), *Antigua*, '34, 361.—*fd.* '34, 361; *rates*, '38, 691; *misc.* '38, 124.
rubida, *Mex.* '37, 193.—*plm.* '37, 193.
Oreopsar bolivianus, *Bol.* '39, 206.
Oreopyra ovandensis, *Mex.* '39, 353.
Oreoscoptes montanus (Sage Thrasher), *Ariz.* '39, 324; *Mex.* '35, 255; *N. D.* '31, 283.—*hbt.* '35, 255; *myol.* '38, 642.
Oreotrochilus bolivianus, *misc.* '33, 383.
oresteria (Vermivora), see *Vermivora*.
Orfila, Ricardo N.
 Los Psittaciformes Argentinis (rev.), '37, 225, '38, 578, '39, 106.
 Orfray, see *Haliaeetus albicilla*.
orientale (Electron), see *Electron*.
orientalis (Anthreptes), see *Anthreptes*.
 — (Athene), see *Athene*.
 — (Bubo), see *Bubo*.
 — (Eudynamis), see *Eudynamis*.
 — (Pernis), see *Pernis*.
 — (Pratincola), see *Pratincola*.
 — (Pterodroma), see *Pterodroma*.

— (Strix), see *S. ticehursti*.
 — (Vinago), see *Vinago*.
orienticola (Penelope), see *Penelope*.
orientis (Geocichla), see *Geocichla*.
Original descriptions.
Abroscopus albogularis hugonis, '38, 510.
Accipiter striatus suttoni, '39, 127–128.
Aechmolophus, '38, 663–664.
Aechmolophus mexicanus, '38, 663–665.
Aëronautas saxatilis sclateri, '39, 465–468.
Agelaius phoeniceus matudae, '40, 548.
Aimophila rufescens cinerea, '40, 549.
Amazona finschi woodi, '37, 528.
Ammospiza caudacuta altera, '38, 117.
Asio stygius robustus, '34, 522.
Ateleodacnis margaritae, '31, 570.
Aulacorhynchus prasinus chiapensis, '40, 546.
Bonasa umbellus canescens, '40, 395.
Bonasa umbellus medianus, '40, 394.
Bonasa umbellus monticola, '40, 392.
Branta canadensis interior, '38, 661–662.
Canachites canadensis torridus, '39, 462–463.
Chloroceryle amazona mexicana, '40, 543–544.
Chloroceryle americana vanrossemi, '40, 544, 546.
Chlorospingus ophthalmicus dwighti, '31, 612.
Chordeiles acutipennis littoralis, '40, 543.
Ciccaba virgata eatoni, '36, 215.
Cissilopha yucatanica rivularis, '40, 547.
Cyanocitta cristata cyanotephra, '35, 176.
Cyanocompsa parellina lucida, '39, 71.
Cyanocorax dickeyi, '35, 275.
Dendroica graciae ornata, '40, 547–548.
Empidonax albicularis subtilis, '40, 381–382.
Empidonax difficilis culiacani, '40, 370–371.
Empidonax difficilis immemoratus, '40, 375–376.
Empidonax oberholseri, '39, 311–312.
Formicivora grisea rufiventris, '36, 316.
Forpus cyanopygius lutescens, '39, 70.
Glaucidium jardini costaricanum, '37, 304.
Heleodytes zonatus vulcanius, '40, 547.
Hylophylax naevioides subsimilis, '31, 428.
Laterallus xenopterus, '34, 365.
Leucopternis princeps zimмери, '35, 30.

Limnodromus griseus hendersoni, '32, 22.
Limosa lapponica menzbieri, '36, 195.
Lophortyx californica canfieldae, '39, 68.
Meleagris gallopavo onusta, '38, 112.
Nesoclopeus, '32, 348.
Otus asio semplei, '39, 174–175.
Otus flammeolus rarus, '37, 391.
Otus guatemalae dacrysistactus, '39, 53.
Otus guatemalae fuscus, '39, 52.
Otus trichopsis pumilus, '39, 47.
Otus vermiculatus huberi, '36, 448.
Penelope montagnii atrogularis, '32, 328.
Penelope purpurascens brunnescens, '32, 333.
Penthestes atricapillus anamesus, '38, 116.
Pericrocotus solaris nassovicus, '38, 509–510.
Phaenicophilus poliocephalus tetraopes, '32, 36.
Poicephalus cryptoxanthus zanzibari-cus, '32, 86.
Ptilorrhoa, '40, 94.
Pyelorchampus, '32, 39.
Pyelorchampus molothroides, '32, 39–40.
Quiscalus quiscula stonei, '35, 25.
Ramphocelus dimidiatus albirostris, '33, 307.
Rhinopteryx clamator mogenseni, '35, 451.
Rhinopteryx clamator oleri, '36, 82.
Saltator atriceps flavicrissus, '37, 198.
Saltator atriceps peeti, '40, 548–549.
Simoxenops, '37, 208.
Sitta carolinensis oberholseri, '38, 269–270.
Sterna albifrons staebleri, '40, 542.
Strix indranee rileyi, '37, 305.
Sturnella magna auropectoralis, '34, 42.
Tapera naevia major, '40, 543.
Telmatodytes palustris waynei, '32, 454.
Tephrophilus, '34, 1.
Tephrophilus wetmorei, '34, 2.
Thryomanes bewicki niceae, '34, 217.
Thryothorus ludovicianus burleighi, '40, 99.
Thryothorus ludovicianus euronotus, '40, 98.
Thryothorus ludovicianus oberholseri, '40, 101.
Vireo caucae solimoensis, '31, 412.
Vireo eleanorae, '40, 399.
Vireo huttoni carolinae, '38, 269.
Xiphorhynchus erythropygius parvus, '37, 196.

- orii (Troglodytes), see Troglodytes.
 Oriole, Alta Mira, see Icterus tamaulipensis.
 Arizona Hooded, see Icterus nelsoni.
 Audubon's, see Icterus auduboni.
 Baltimore, see Icterus galbula.
 Bullock's, see Icterus bullocki.
 Chestnut-shouldered, see Icterus pyrrhopterus.
 Lichtenstein's, see Icterus gularis.
 Montserrat, see Icterus oberi.
 Orchard, see Icterus spurius.
 Philippine, see Oriolus chinensis.
 Scarlet-headed, see Icterus pustulatus.
 Silver, see Oriolus mellianus.
 Spotted, see Oriolus maculatus.
 Trinidad, see Icterus trinitatis.
Oriolus, *hbt.* '37, 250.
 chinensis (Philippine Oriole), *P. I.* '38, 215-216.—*flight, nid., note*, '38, 216.
 maculatus (Spotted Oriole), *Java*, '33, 259.
 mellianus (Silver Oriole), *misc.* '31, 638, '33, 462.
 oriolus, *plm.* '39, 106.
 trailli, *misc.* '33, 462.
 oriolus (Oriolus), see Oriolus.
 orio (Coracina), see Coracina.
 orius (Dryobates), see Dryobates.
Orlando, Carlo.
 Sylvia cantillans, Pallas (1764) (rev.), '39, 498.
 Corvus corax cyprius subsp. nova (rev.), '40, 274.
 ornata (Dendroica), see Dendroica.
 — (Thraupis), see Thraupis.
 ornatus (Calcarius), see Calcarius.
 — (Merops), see Merops.
Orochelidon murina, *Ecuad.* '34, 152.
O'Roke, Earl.
 A malaria-like disease of ducks (rev.), '35, 121.
 orokensis (Surnia), see Surnia.
 oromela (Hylocichla), see Hylocichla.
 Oropendola, see Gymnostinops montezuma and Zarhynchus wagleri.
 Wagler's, see Zarhynchus wagleri.
Oropesus rufula, *Ecuad.* '34, 150.
Orr, Robert Thomas.
 Another record of Puffinus diatomicus, '40, 105.
 Fall wanderings of clapper rails (rev.), '40, 130.
 An analysis of the subspecific status of dowitchers in California (rev.), '40, 275.
Ortalis deschauenseei, *Hond.* '36, 469.
 griseiceps, *Mex.* '35, 208.
 olivacea, *Pan.* '38, 144.
 plumbiceps, *Hond.* '36, 188.—*colors, fd.*, '36, 188.
 subaffinis, *Bol.* '33, 142.
 tantala, *fos.* '33, 382.
 vetula (*Chachalaca, ^bmccalli, ^cPenelope), *Tex.* '39, 152.—*fd.* '39, 152; *nomen.* '34, 548^{bc}; *misc.* '37, 345^a.
 wagleri, *Mex.* '35, 424.
Ortenburger, Arthur Irving, and Little, E. L., Jr.
 Notes on a collection of birds from western Oklahoma (rev.), '31, 306.
Orthocrypturus, *tax., type*, '38, 695.
 superciliosus, *Braz.* '38, 695.
 variegatus (^bCrypturus), *tax.* '38, 695^b.
Orthyx, *anat.* '31, 639.
 temmincki (Spine-tailed Log-runner), *misc.* '34, 425.
Orthorhynchus exilis (Crested Hummer), *Antigua*, '34, 362.
Orthotomus (*Tailor Bird), *India*, '38, 298^a.
 fernandonis, *Ceylon*, '40, 277.
 ortoni (Penelope), see Penelope.
Ortygospiza fuscata, *Rhodesia*, '32, 511.
 oryzivora (Cassidix), see Cassidix.
 — (Munia), see Munia.
 oryzivorus (Dolichonyx), see Dolichonyx.
Oryzoborus crassirostris (Thick-billed Seed Finch), *Trin.* '38, 44.—*cowbird host*, '38, 41-44.
Osborn, Henry Fairfield.
 Cope: master naturalist. The life and letters of Edward Drinker Cope, with a bibliography of his writings classified by subjects (rev.), '31, 456-457.
Osborn, Herbert.
 Leaf hoppers injurious to cereal and forage crops (rev.), '35, 115.
Osborn, Rosemary McIlhenny (Mrs. Harold Gray Osborn), and **McIlhenny**, E. A.
 see McIlhenny and Osborn.
Osborne, Arthur Augustus, 1881-1935.
 Obituary, '36, 69.
 osceola (Meleagris), see Meleagris.
 osculans (Misocalius), see Misocalius.
 — (Ramphastos), see Ramphastos.
Osgood, Wilfred Hudson.
 In memoriam: Ruthven Deane, '35, 1-14.
Osgood, W. H., and **Fuertes**, L. A.
 see Fuertes and Osgood.
 osgoodi (Canachites), see Canachites.
Osler, Henry Smith, 1862-1933.
 Obituary, '36, 69, 128-129.
Osmaston, B. B.
 Do birds employ ants to rid them-

- selves of ectoparasites? (rev.), '37, 417.
- Osprey, see *Pandion carolinensis* and *P. haliaetus*.
- ossifragus (*Corvus*), see *Corvus*.
- Osteology.**
- Abbott, C. E., '39, 352 (rev.).
- Burt, W. H., '31, 296 (rev.).
- De Beer, G. R., '38, 566 (rev.).
- Howell, A. B., '37, 364-365.
- Larson, L. M., '31, 150 (rev.).
- Lowe, P. R., '34, 110 (rev.).
- Mathews, G. M., '37, 110 (rev.).
- Miller, L., '38, 305 (rev.).
- Serventy, D. L., '40, 275 (rev.).
- Tiemeier, O. W., '40, 439-440 (rev.).
- Wiman, C., '38, 311-312 (rev.).
- Ostinops australis**, *Braz.* '36, 356.
- ostralegus (*Haematopus*), see *Haematopus*.
- Ostrich, see *Struthio australis*.
- African, see *Struthio camelus*.
- Othypantes nyikae**, *Nyasaland*, '38, 689.
- Otididae**, *anat.* '37, 228; *tax.* '31, 635.
- Otidiphaps**, *syst.* '37, 550.
- otiosus (*Antrostomus*), see *Antrostomus*.
- Otis tarda** ("Great Bustard"), *anat.* '38, 577^a.
- Otocompsa abuensis**, *India*, '32, 510.
- provincialis**, *India*, '32, 510.
- Otocoris**, *nomen.* '37, 553.
- actia** (California Horned Lark), *Calif.* '35, 428.—*dist.* '35, 428.
- alpestris** ("Northern Horned Lark, Horned Lark, ^b*Eremophila*), *Baf. I.* '40, 15^a, 16^a, 20^a; *Labr.* '37, 36; *Mich.* '36, 455; *N. F.* '36, 343; *N. Y.* '40, 406; *N. C.* '37, 456, '39, 344^a; *O.* '37, 326; *Pa.* '35, 197; *P. E. I.* '36, 93 (subsp.?).; *Que.* '31, 242.—*fd.* '37, 36; *meas.* '37, 36; *pl.* '37, 32^a; *wt.* '37, 36, 326; *misc.* '35, 360^b, '36, 283^a.
- altaica** (^b*Eremophila*), *Altai*, '32, 391^b.
- ammophila** (Mohave Horned Lark), *Mex.* '35, 254.
- arctica** (Pallid Horned Lark), *mig.* '31, 30.
- atlantica**, *Mass.* '40, 432.—*charac., type loc.*, '40, 432.
- berlepschi**, *misc.* '31, 381.
- enthymia**, *misc.* '36, 103.
- hachlowi** (^b*Eremophila*), *Sib.* '32, 391^b.
- hoyti** ("Hoyt's Horned Lark, Horned Lark), *Man.* '32, 366^a; *Mich.* '36, 455; *N. D.* '37, 235.—*nest.* '32, 366^a; *nomen.* '37, 235.
- insularis** (Island Horned Lark, ^b*Chionophilos*), *nomen.* '31, 441, 441^b.
- leucansiptila** (Yuma Horned Lark), *Mex.* '35, 254.
- leucolaema** ("Desert Horned Lark), *Colo.* '34, 538^a; *Kans.* '34, 538^a; *Mex.* '35, 254.—*misc.* '36, 359^a.
- merrilli** ("Dusky Horned Lark), *Wash.* '34, 538^a.
- praticola** ("Prairie Horned Lark), *Ark.* '31, 238; *D. C.* '35, 461, '36, 346; *Ia.* '39, 36; *Ky.* '35, 465; *Man.* '33, 108; *Md.* '36, 337; *Mich.* '35, 458^a, '36, 455; *Mont.* '36, 231^a; *N. H.* '38, 296^a; *N. J.* '33, 438^a; *N. Y.* '40, 406; *N. C.* '37, 456; *O.* '35, 453, '37, 326; *Pa.* '33, 438, '34, 531, '35, 197, '36, 223; *Que.* '31, 242, '37, 36; *S. C.* '36, 313; *Va.* '33, 438, '34, 380, 524; *W. Va.* '36, 224^a.—*hbt.* '36, 126^a; *nest.* '33, 108, '34, 380, '35, 453, '36, 337; *wt.* '37, 326; *misc.* '32, 247^a, '34, 239^a, '36, 283^a, '39, 457.
- rubea** ("Ruddy Horned Lark, Horned Lark), *flight.* '33, 315^a; *hbt.* '31, 30.
- utahensis**, *Utah*, '38, 689.—*type loc.* '38, 689.
- otofuscus (*Ptilogonys*), see *Ptilogonys*.
- Otus**, *Asia*, '40, 127.—*dichro.* '39, 38-56; *syn.* '38, 183; *tax.* '39, 38-56; *misc.* '36, 56.
- aequatorialis** (Chapman's Wood Owl, ^b*Ciccaba*), *ear.* '38, 182, 186; *foot.* '36, 51^b; *tax.* '38, 181^b, 182, 183.
- aikeni** (Aiken's Screech Owl), *misc.* '36, 372, '39, 40.
- albogularis** (^b*Ciccaba*, "Syrnium, ^d*macabrum*), *ear.* '38, 182, 186; *syn.* '38, 183^{ad}; *tax.* '33, 139^b, '38, 181^b, 182, 183.
- asio** ("Southern Screech Owl, Screech Owl), *Ark.* '31, 237; *Bermuda*, '38, 689^a; *D. C.* '37, 300-303; *Ill.* '40, 571^a; *Mich.* '38, 189-197; *S. C.* '35, 470.—*behav.* '40, 437^a; *charac.* '39, 39; *destr.* '40, 253^a; *egg.* '40, 45^a, 56^a; *flight.* '38, 197; *fd.* '38, 190; *foot.* '36, 52; *hbt.* '37, 300-303, '38, 195, '40, 176, 178; *incub.* '40, 56^a, 59^a; *pellets.* '38, 188-190, 196; *song.* '38, 619^a; *wt.* '38, 442, 513^a; *misc.* '37, 63^a, 539^a, '39, 41, 48, 54, '40, 262^a.
- asio** subsp., *Ariz.* '39, 322.
- aspersus** (^b*Megascops*), *Ariz.* '39, 43; *Mex.* '39, 41, 43.—*dist.* '39, 43-44; *meas.* '39, 48; *plm.* '39, 43; *syn.* '39, 43^b; *misc.* '39, 46.
- bakkamoena**, *India*, '36, 56.
- balli**, *Andamans*, '36, 56.
- barbarus** (^b*Scops*), *Guat.* '39, 54.—*dist.* '39, 54; *plm.* '39, 54-55; *syn.* '39, 54^b.
- bendirei** (California Screech Owl), *plm.* '39, 39.
- burbidgei**, *Sulu*, '35, 211.

cardonensis, L. C. '39, 39-40.—*dist.* '39, 40; *misc.* '39, 38, 42.
cassini (^bScops), *Mex.* '39, 51.—*dist.* '39, 51; *syn.* '39, 51^b; *tax.* '39, 38; *misc.* '39, 52, 53.
catharinae, *syst.* '34, 269.
choliba (Choliba Screech Owl), *dichro.* '39, 54; *ear.* '38, 186; *foot.* '36, 51, '39, 54.
cineraceus (^aMexican Screech Owl, ^bMegascops), *Ariz.* '37, 63^a, '39, 40; *Mex.* '38, 286, '39, 40; *N. M.* '39, 40; *Tex.* '39, 40.—*dist.* '39, 40; *nomen.* '37, 62^a, '39, 38, 40^b; *misc.* '39, 39, 41, 42, 43.
clarkii (^bBubo, ^cnudipes), C. R., *Pan.*, '39, 55.—*plm.* '36, 56; *syn.* '39, 55^b.
condorensis, *Siam.* '31, 307.
cooperi (^bScops), C. R., *Nic.*, '39, 48.—*dist.*, *plm.*, '39, 48; *syn.* '39, 48^b.
crucigerus (Spix's Screech Owl), *Ecuad.* '32, 478.—*plm.* '39, 54.
cuyensis, P. I. '36, 56.
cyprius, *misc.* '32, 270.
dacrysistactus, *Hond.* '39, 53; *Nic.* '39, 53*.—*descr.*, *dist.*, *meas.*, '39, 53.
decussatus, *dichro.* '39, 54.
distans, *Siam.* '40, 127.
duidae, *misc.* '39, 54.
flammeolus (^aFlammulated Screech Owl, ^bScops), *Ariz.* '37, 64^a, '39, 55; *Calif.* '32, 107, '39, 55; *Colo.* '37, 526, '39, 55; *Mex.* '39, 55, 56, '40, 236, 238.—*behav.* '39, 497^a; *dichro.* '39, 56; *dist.* '39, 56; *nest.* '40, 238; *syn.* '39, 55^b.
floridanus (Florida Screech Owl, ^bMegascops), S. C. '31, 621^b.—*plm.* '39, 39.
fuscus, *Mex.* '39, 52*.—*descr.*, *meas.*, '39, 52; *misc.* '39, 53.
gilmani (Sahuaro Screech Owl), *Ariz.* '37, 62, '39, 40; *Calif.* '39, 40; *Mex.* '39, 40.—*dist.* '39, 40; *tax.* '39, 38; *misc.* '39, 39, 41, 42.
giu (^bScops), *fd.* '34, 417^b.
glabripes, *China.* '36, 56.
guatemalae (^bScops, ^cMegascops, ^dmarmoratus), *Guat.*, *Hond.*, *Mex.*, '39, 50.—*dist.* '39, 38, 50; *plm.* '39, 39, 40, 50-51; *syn.* '39, 50^{bed}, 51-52^d; *tax.* '39, 38, 50-51; *misc.* '39, 48-54.
guerrerensis, *Mex.* '39, 44.
hasbroucki (Hasbrouck's Screech Owl), *Kans.* '37, 391.
hastatus (^bMegascops), *Mex.* '39, 49.—*dist.* '39, 49; *syn.* '39, 49^b; *tax.* '39, 38; *misc.* '39, 50, 53.
huberi, *Colom.* '36, 448*.—*descr.* '36, 448.
japonicus, *Jap.* '36, 56.

kennicotti (Kennicott's Screech Owl), *ear.* '38, 186.
lempijii, *Java.* '36, 56.
luctisonus, C. R., *Pan.*, '39, 54.—*dist.* '39, 54.
macfarlanei (MacFarlane's Screech Owl), *Wash.* '36, 12.
malayensis, *Malacca.* '35, 211.
margaritae, *dichro.* '39, 54.
maxwelliae (^aRocky Mountain Screech Owl), *Mont.* '36, 230^a.—*ear.* '38, 186; *foot.* '36, 55.
mccalli (Texas Screech Owl, ^bScops), *Mex.*, *Tex.*, '39, 41.—*dichro.*, *dist.*, *plm.*, '39, 39-42; *syn.* '39, 40^b; *misc.* '39, 43, 174-175.
menadensis, *Celebes.* '36, 56.
meridensis (^bCiccaba), *tax.* '38, 181^b, 183.
mesamericanus, *Guat.* '39, 47; *Sal.* '33, 143, '39, 46-47.—*dist.* '39, 47; *meas.* '39, 48; *plm.* '37, 304; *misc.* '39, 39.
minima (^bCiccaba), *Bol.* '38, 182^b.—*tax.*, '38, 183.
naevius (^aEastern Screech Owl, Screech Owl, ^basio), *Mass.* '31, 119^a; *N. Y.* '40, 252; *O.* '31, 368, 377^a, '37, 326; *Que.* (corr.), '31, 245^a.—*behav.* '40, 252; *ear.* '38, 186; *hbl.* '31, 119^a; *pl.* '40, 250; *wt.* '31, 573^b, '37, 326, '38, 516; *wing area.* '38, 516; *misc.* '34, 522^a.
napensis, *misc.* '36, 448.
pinosus (^bMegascops), *Mex.* '39, 46, '40, 234.—*syn.* '39, 46^b; *misc.* '39, 175, '40, 235.
pumilus, *Hond.* '39, 47*.—*descr.*, *dist.*, *meas.*, '39, 47; *misc.* '39, 55.
quercinus (^aPasadena Screech Owl), *age.* '40, 276^a.
rarus (^bguatemalae), *Guat.* '35, 484^b, '39, 56.—*nomen.* '37, 391^a; *syn.* '39, 56^b.
rufescens, *Borneo.* '36, 56.
rutilus, *Mad.* '36, 56.
sagittatus, *Siam.* '36, 56.
scops (European Scops Owl), *fd.* '34, 258.
semplei, *Mex.* '39, 174-175*.—*descr.*, *meas.*, '39, 174.
sinaloensis, *Mex.* '39, 42.—*dist.*, *plm.*, '39, 42; *tax.* '39, 38; *misc.* '39, 41.
spilocephalus, *Borneo.* '36, 56.
sunia, *Siam.* '36, 56.
thompsoni, *Mex.* '39, 48, 52-53.—*dist.* '39, 53; *tax.* '39, 38; *misc.* '39, 48, 49.
tomlini, *Mex.* '39, 49.—*dist.* '39, 50; *tax.* '39, 38; *misc.* '39, 53.
trichopsis (Spotted Screech Owl, ^bScops, ^cMegascops, ^dridgwayi, ^eenano, ^ftrycopsis), *Ariz.* '37, 62-63; *Mex.* '39,

- 43-46.—*dist.* '39, 44; *egg.* '37, 63; *meas.* '39, 48; *nid.* '37, 62-63; *nomen.* '37, 62; *note.* '37, 63; *plm.* '39, 39, 42; *races.* '39, 44-48; *syn.* '39, 44^{bad}, 45-46[!]; *misc.* '33, 86, '39, 38, 39, 48, 52, 54, 55.
- vermiculatus** (^bMegascops), *C. R., Pan.*, '39, 53-54.—*dist.* '39, 54; *ear.* '38, 186; *plm.* '36, 56, '39, 39, 53; *syn.* '39, 53^b; *tax.* '39, 38; *misc.* '36, 448, '38, 182, '39, 48, 54.
- vinaceus** (^bMegascops), *Mex.* '39, 40-42.—*dist.* '39, 41; *plm.* '39, 42; *syn.* '39, 41^b; *tax.* '39, 38; *type loc.* '39, 41.
- wetmorei**, *misc.* '39, 54.
- whiteheadi**, *P. I.* '36, 56.
- xantusi** (Xantus's Screech Owl, ^bMegascops), *L. C.* '39, 42.—*dist.* '39, 42; *syn.* '39, 42^b; *misc.* '39, 40.
- otus (Asio), see Asio.
- Ousel, Water, see Cinclus aquaticus.
- oustaleti (Cinclodes), see Cinclodes.
- Outarde, see Branta canadensis.
- Ouzel, see Cinclus unicolor.
- ovandensis (Catharus), see Catharus.
- (Oreopyra), see Oreopyra.
- Oven-bird, see Seiurus aurocapillus.
- Rufous, see Furnarius rufus.
- Overing, Robert.**
High mortality at the Washington Monument, '38, 679.
- Overington, R. Bruce.**
A trip to the tropics (rev.), '38, 578.
- Owens, Charles Melvin.**
Bay-breasted warbler in Arkansas, '35, 314.
- Owl, Aiken's Screech, see Otus aikenii.
- American Hawk, see Surnia caparoch.
- Antigua Burrowing, see Speotyto amaura.
- Arctic Horned, see Bubo subarcticus.
- Bare-legged, see Gymnasio newtoni.
- Barn, see Tyto alba and T. pratincola.
- Barred, see Strix varia.
- Burrowing, see Speotyto cunicularia.
- California Pygmy, see Glaucidium californicum.
- California Screech, see Otus bendirei.
- California Spotted, see Strix occidentalis.
- Cayenne, see Rhinopteryx clamator.
- Chapman's Wood, see Otus aequatorialis.
- Choliba Screech, see Otus choliba.
- Colombian Short-eared, see Asio bogotensis.
- Crested, see Lophotrix cristatus.
- Cuban Bare-legged, see Gymnasio lawrencii.
- Dusky Horned, see Bubo saturatus.
- Eagle, see Bubo bubo.
- Eastern Screech, see Otus naevius.
- Elf, see Micropallas whitneyi.
- Equatorial Short-eared, see Asio aequatorialis.
- European Barn, see Tyto alba.
- European Hawk, see Surnia ulula.
- European Scops, see Otus scops.
- Fish-eating, see Scotopelia peli.
- Flammulated Screech, see Otus flammeolus.
- Florida Barred, see Strix alleni.
- Florida Burrowing, see Speotyto floridana.
- Florida Screech, see Otus floridanus.
- Georgian, see Strix alleni.
- Grass, see Tyto amaurota.
- Great Gray, see Scotiaptex nebulosa.
- Great Horned, see Bubo virginianus.
- Grenada Barn, see Tyto insularis.
- Hasbrouck's Screech, see Otus hasbrouckii.
- Hawaiian, see Asio sandwichensis.
- Hawk, see Surnia caparoch.
- Hispaniolan Barn, see Tyto glaucops.
- Hispaniolan Short-eared, see Asio domingensis.
- Kennicott's Screech, see Otus kennicottii.
- Labrador Horned, see Bubo heteronemesis.
- Lap, see Scotiaptex lapponica.
- Long-eared, see Asio otus and A. wilsonianus.
- Little, see Athene noctua, A. vidalii, and Cryptoglaux funerea.
- MacFarlane's Screech, see Otus macfarlanei.
- Mexican Screech, see Otus cineraceus.
- Montana Horned, see Bubo occidentalis.
- Mottled Wood, see Strix ocellata.
- New Zealand, see Ninox novaezeelandiae.
- Newton's, see Gymnasio newtoni.
- Northern Barred, see Strix varia.
- Northwestern Horned, see Bubo lagophonus.
- Oaxaca Horned, see Bubo melanerpes.
- Pacific Horned, see Bubo pacificus.
- Pallid Horned, see Bubo pallescens.
- Pasadena Screech, see Otus quercinus.
- Porto Rican Short-eared, see Asio portoricensis.
- Richardson's, see Cryptoglaux richardsoni.
- Rock Horned, see Bubo bengalensis.
- Rocky Mountain Pygmy, see Glaucidium pinicola.
- Rocky Mountain Screech, see Otus maxwelliae.
- Sahuaro Screech, see Otus gilmani.

St. Michaels Horned, see *Bubo algistus*.
 Sartorius's Stygian, see *Asio robustus*.
 Saw-whet, see *Cryptoglaux acadica*.
 Screech, see *Otus asio* and *O. naevius*.
 Short-eared, see *Asio flammeus*.
 Snowy, see *Nyctea nyctea*.
 South American Short-eared, see *Asio*
suindus.

Southern Barred, see *Strix alleni*.
 Southern Little, see *Athene glaux*.
 Southern Screech, see *Otus asio*.
 Spix's Screech, see *Otus crucigerus*.
 Spotted Screech, see *Otus trichopsis*.
 Stygian, see *Asio noctipetens* and *A.*
stygius.

Swamp, see *Asio flammeus*.

Tawny, see *Strix aluco*.

Tengmalm's, see *Cryptoglaux funerea*.

Texas Screech, see *Otus mecalli*.

Ural, see *Bubo sibiricus*.

Western Burrowing, see *Speotyto*
hypugaea.

Western Horned, see *Bubo pallescens*.

Wood, see *Strix aluco*.

Xantus's Screech, see *Otus xantusi*.

Yucatan Horned, see *Bubo mayensis*.

Oxyechus, *tax.* '34, 540.

vociferus (*Killdeer, Killdeer Plover,
Charadrius), *Ariz.* '39, 322; *Ark.* '31,
 236; *Calif.* '35, 429; *Colo.* '38, 555*;
Conn. '31, 277*^a; *Conn. Val.* '32, 360*;
Engl. '39, 500*^a; *Fla.* '36, 479*^a; *Great*
Lakes. '32, 235*^a; *Ill.* '36, 328*^a, 348*^a;
Ia. '39, 36; *La.* '40, 409, 410; *Me.* '35,
 316; *Man.* '36, 366*^a; *Md.* '38, 126, '40,
 250; *Mass.* '31, 566; *Mex.* '35, 252, '40,
 236^b, 237^b; *Mich.* '34, 23, '37, 314*^a;
Minn. '31, 417*^a; *N. H.* '35, 97, '38,
 297*^a; *N. J.* '31, 419*^a, 421, 422*^a, '32,
 470-474; *N. C.* '37, 453; *O.* '31, 374,
 596*^a, '36, 441*^a; *Ont.* '35, 196; *Ore.* '32,
 218*^a; *Pa.* '31, 113*^a; *Tex.* '38, 65; *Utah,*
 '32, 81*^a; *W. Va.* '39, 76*^a; *Wisc.* '31,
 282.—*call.* '35, 40-52*^a; *destr.* '40, 409-
 410; *dist.* '35, 429; *egg.* '40, 57*^a; *flight,*
 '33, 314*^a; *hbt.* '31, 182*^a, 417*^a, '32, 218*^a;
 '35, 410, '36, 125, 366*^a, 479*^a, 480*^a;
incub. '40, 57*^a, 58*^a; *nest.* '31, 417*^a, '32,
 81*^a, '36, 366*^a, '40, 250; *pl.* '40, 250;
wt. '38, 515; *wing area,* '38, 515; *misc.*
 '36, 171*^a, 481*^a, '38, 683*^a, '40, 414*^a.

Oxypelia cyanopsis, *Braz.* '40, 416.

Oxyruncus phelpsi, *Venez.* '40, 270.

Oyster-catcher, see *Haematopus ostrale-*
gus and *H. palliatus*.

American, see *Haematopus palliatus*.

Black, see *Haematopus bachmani*.

European, see *Haematopus ostralegus*.

Frazar's, see *Haematopus frazari*.

P

Paatela, J. E.

Beobachtungen über das Verhalten der
 Vögel in der Sommernacht (rev.),
 '39, 106.

Pachycephala, '36, 121.

giloloni, *Gilolo*, '39, 356.

leucostigma (^bRhagologus), *N. Gui-*
nea, '37, 222.—*tax.* '34, 426, '37, 222^b.

neuhausi, *Lihir Arch.* '34, 277.

olivacea (^aOlive Whistler), *S. Aus-*
tralia, '40, 431*^a.

pachycephaloides (Clytorhynchus), see
Clytorhynchus.

Pachycephalopsis axillaris, *N. Guinea*,
 '31, 313.

Pachycoccyx canescens, *tax.* '37, 409.

Pachyptila (^aPrion), *Tasman Sea*, '34,
 489.—*misc.* '38, 576*^a.

desolata (^bAttapriion, ^cProcellaria),
S. Georgia, *S. Orkneys*, '36, 460.—*tax.*
 '34, 120^{be}.

falklandicus (^bHeteropriion), *Falk-*
land Is. '39, 497^b.

georgicus, *S. Georgia I.* '33, 462.

lalfa (^bHeteropriion), *N. Z.* '39, 497^b.

turtur, *Australia*, '37, 423.—*nest.* '37,
 423.

Pachyrhamphus, *Peru*, '37, 230.

albogriseus, *Pan.* '33, 304.

amazonus, *Braz.* '37, 230.

costaricensis, *Pan.* '39, 306.—*misc.*
 '37, 233.

guayaquilensis, *Ecuad.* '37, 230.

polychropterus, *dichro.* '37, 230; *misc.*
 '37, 233.

tenebrosus, *Peru*, '37, 230.

pachyrhyncha (Rhynchopsitta), see
Rhynchopsitta.

pachyrhynchus (Eudypetes), see *Eudypetes*.

Pacific Ocean.

Moffitt, J., '38, 255-259.

pacifica (Gavia), see *Gavia*.

— (*Myrmotherula*), see *Myrmotheru-*
la.

— (*Pelidna*), see *P. sakhalina*.

pacificum (Oncostoma), see *Oncostoma*.

pacificus (Accipiter), see *Accipiter*.

— (*Anthus*), see *Anthus*.

— (*Bubo*), see *Bubo*.

— (*Gabianus*), see *Gabianus*.

— (*Micropus*), see *Micropus*.

— (*Nannus*), see *Nannus*.

— (*Nisus*), see *Accipiter*.

— (*Rallus*), see *R. zetarius*.

Packard, Fred Mallery.

Blue-gray gnatcatcher at Cambridge,
 Mass., '35, 311-312.

Northern sage sparrow on the east

- slope of the Rockies in Colorado, '39, 481-482.
- Paechnatz, Hermann.**
Aus dem Tageslauf überwinternder Schwanzmeisen (*Aegithalus c. caudatus*) (rev.), '37, 225.
- Paget-Wilkes, A. H.**
Notes on the breeding of some species in north-eastern Uganda (rev.), '38, 578.
- Pagodroma, hbt.** '37, 416.
nivea (Snow Petrel), *Antarctic*, '37, 149.—*dist.*, *fd.*, *plm.*, *nest*, '37, 149-150; *misc.* '37, 148.
- Pagolla, tax.** '34, 540.
beldingi (Belding's Plover), *C. R.* '32, 496, '33, 299; *Mex.* '35, 252; *Pan.* '35, 326.
rufinucha (Rufous-naped Plover), *Antigua*, '34, 358; *St. Kitts*, '34, 103.
wilsonia (*Wilson's Plover), *Fla.* '34, 98*, '36, 479*; *Ga.* '31, 279*; *Mass.* '32, 465*, '40, 111, 414; *N. J.* '35, 80, '40, 414-415; *N. Y.* '34, 397, '39, 179*; *N. C.* '37, 453; *O.* '36, 441; *S. C.* '32, 466*, '33, 360*, '34, 252, '38, 547; *Tex.* '38, 65.—*egg*, '40, 57*; *hbt.* '36, 479*; *incub.* '40, 57*, 58*; *nest*, '37, 453; *misc.* '32, 466*.
- Pagophila alba** (*Ivory Gull, *heburnea*), *Germ.* '40, 127*; *Me.* '40, 403; *N. J.* '40, 403; *Ont.* '38, 279, '40, 403; *Que.* '40, 402-403; *St. Lawrence I.* '38, 306; *Spitsbergen*, '32, 509*.—*dist.* '33, 204; *meas.* '40, 403-404; *nomen.* '34, 541^b; *plm.* '40, 403.
- Painterius superbus** (*bSpreo*), *tax.* '31, 149, 149^b.
- Pakenham, Richard Hercules Wingfield.**
[A new race of turaco] (rev.), '38, 696.
A new green pigeon from Pemba Island (rev.), '40, 592.
- palaeartica* (*Xema*), see *Xema*.
- Palaeodyptes antarcticus**, *fos.* '39, 202.
- Palaeoaramides**, *tax.* '34, 262.
- Palaeoborus howardae**, *fos.* '37, 230.
rosatus, *S. D.*, *fos.*, '40, 129.
- Palaeochenoides miocaenus**, *misc.* '35, 361.
- Palaeognathae**, *hbt.* '40, 175.
- Palaeopicus**, *tax.* '34, 262.
- Palaeoplancus sternbergi**, *Wyo.*, *fos.*, '34, 271.
- Palaeorallus troxelli**, *fos.* '31, 463.
- Palaeornithology**, see Fossil Birds.
- Palaeortyx cayluxensis**, *fos.*, *tax.*, '34, 262.
gaillardi, *fos.*, *tax.*, '34, 262.
- Palaeostruthus hatcheri** (*bPalaeospiza*), *fos.* '35, 361; *tax.* '35, 361^b.
- Palamedes**, *ost.* '35, 360.

- Palamedes, myol.** '38, 647.
- palauensis* (*Cleptornis*), see *Megazosterops*.
- (*Megazosterops*), see *Megazosterops*.
- palawanensis* (*Halcyon*), see *Halcyon*.
- Palen, Frederick Pomeroy**, — 1933.
Obituary, '35, 67.
- Palestine.**
Sheppard, R. W., '33, 179-186.
- pallasi* (*Emberiza*), see *Emberiza*.
- (*Hylocichla*), see *H. faxoni*.
- (*Phasianus*), see *Phasianus*.
- pallens* (*Glaucidium*), see *Glaucidium*.
- pallascens* (*Bubo*), see *Bubo*.
- (*Chaemepelia*), see *Columbigallina*.
- (*Columbigallina*), see *Columbigallina*.
- (*Cyanopica*), see *Cyanopica*.
- (*Hylophilus*), see *Hylophilus*.
- (*Monasa*), see *Monasa*.
- (*Stercorarius*), see *Stercorarius*.
- palliatu* (*Haematopus*), see *Haematopus*.
- (*Junco*), see *Junco*.
- pallida* (*Callipepla*), see *Callipepla*.
- (*Crateroscelis*), see *Crateroscelis*.
- (*Hesperiphona*), see *Hesperiphona*.
- (*Megacrex*), see *Megacrex*.
- (*Quelea*), see *Quelea*.
- (*Spizella*), see *Spizella*.
- pallidiceps* (*Bombycilla*), see *Bombycilla*.
- (*Machaeropterus*), see *Machaeropterus*.
- pallidicinctus* (*Tympanuchus*), see *Tympanuchus*.
- pallididorsalis* (*Elaenia*), see *Elaenia*.
- pallidigularis* (*Automolus*), see *Automolus*.
- pallidior* (*Chrysoptilus*), see *Chrysoptilus*.
- (*Hydropsalis*), see *Hydropsalis*.
- (*Passerina*), see *Passerina*.
- (*Xipholena*), see *Xipholena*.
- pallidirostris* (*Ramphocelus*), see *Ramphocelus*.
- pallidissimus* (*Larus*), see *Larus*.
- (*Passer*), see *Passer*.
- pallidiventris* (*Anthus*), see *Anthus*.
- (*Empidonomus*), see *Empidonomus*.
- (*Myiochanes*), see *Myiochanes*.
- (*Myiozetetes*), see *Myiozetetes*.
- pallidus* (*Buteo*), see *Buteo*.
- (*Cuculus*), see *Cuculus*.
- (*Dendragapus*), see *Dendragapus*.
- (*Geococcyx*), see *Geococcyx*.
- (*Mitrephanes*), see *Mitrephanes*.
- (*Pheugopedius*), see *Pheugopedius*.
- (*Spinus*), see *Spinus*.
- palmarum* (*Dendroica*), see *Dendroica*.
- (*Glaucidium*), see *Glaucidium*.
- Palmer, Elizabeth Day.**

- Migrating doves and the Polar ice cap, '34, 129.
- Palmer, Ralph Simon.**
 see Nissen, C., 'Schöne Vogelbücher' (rev.), '36, 355.
 see Allen, E., 'Sex and internal secretions' (rev.), '40, 260-261.
- Palmer, Theodore Sherman.**
 The forty-eighth stated meeting of the American Ornithologists' Union, October 20-23, 1930, '31, 66-80.
 Report of the Secretary, '31, 81-86.
 Report of the Committee on Biography and Bibliography, '31, 87-90.
 [Obituary of] John Mallory Bates, '31, 162-163.
 Audubon's shearwater in the United States, '31, 198-206.
 [Obituary of] Carlos Avery, '31, 322-323.
 [Obituary of] Harry Wolstenholme, '31, 326.
 [Obituary of] Victor Justice Evans, '31, 326-327.
 [Obituary of] Benedict Ivanovich Dybowski, '31, 328-329.
 [Obituary of] Clement Walker Andrews, '31, 329.
 [Chionophilos not a generic name], '31, 441-442.
 [Obituary of] John Guille Millais, '31, 472-473.
 [Obituary of] George Irving Carpenter, '31, 474.
 see Uchida, S., 'Birds of Mt. Fuji' (rev.), '31, 626-627.
 [Obituary of] Daniel William Shea, '31, 648.
 [Obituary of] Henry Lane Eno, '31, 648.
 The Forty-ninth Stated Meeting of the American Ornithologists' Union, October 19-22, 1931, '32, 52-64.
 Report of the Secretary, '32, 65-70.
 Report of the Committee on Biography and Bibliography, '32, 71-73.
 see 'Third Bulletin of the International Committee for Bird Preservation' (rev.), '32, 127.
 [Obituary of] Jean Stolzmann, '32, 145-146.
 [Obituary of] Daniel Chester French, '32, 271-272.
 [Obituary of] Arthur Thomas Goodson, '32, 273.
 Stolzmann's full name, '32, 273.
 [Obituary of] Ralph Hoffman, '32, 518-519.
 [Obituary of] Frances Manwaring Miner Graves (Mrs. Charles Burr Graves), '32, 520.
- [Obituary of] Ashton Erastus Hemp-hill, '32, 520-521.
 The fiftieth stated meeting of the American Ornithologists' Union, October 17-20, 1932, '33, 64-79.
 Report of the Secretary, '33, 80-83.
 Report of the Committee on Biography and Bibliography, '33, 84-86.
 [Obituary of] John Wyley Atkins, '33, 153-154.
 [Obituary of] John Edward Harry Kelso, '33, 154.
 [Obituary of] Solon Rodney Towne, '33, 154-155.
 [Obituary of] John Dymond, Jr., '33, 260-261.
 [Obituary of] Joseph Edward Hallinen, '33, 261.
 [Obituary of] Barton Warren Evermann, '33, 465-466.
 [Personal notice], '33, 468.
 The semi-centennial meeting of the American Ornithologists' Union, November 13-16, 1933, '34, 52-66.
 Report of the Secretary, '34, 67-70.
 [Obituary of] Herbert Keightley Job, '34, 130-131.
 [Obituary of] Lemuel Fox Woodward, '34, 131-132.
 [Obituary of] Frank Warren Langdon, '34, 132.
 [Obituary of] Frederick Gilmer Bonfils, '34, 132-133.
 [Obituary of] Norman Criddle, '34, 133-134.
 [Obituary of] Robert Wilson Shufeldt, '34, 282-283.
 [Obituary of] Reuben Nelson Davis, '34, 288-289.
 The Deane Collection [of portraits of ornithologists], '34, 436-437.
 [Obituary of] Eduard Daniel Van Ort, '34, 562.
 [Obituary of] Percy Evans Freke, '34, 562-563.
 [Obituary of] William David Kerr MacGillivray, '34, 563-564.
 [Obituary of] Edward Johnson Brown, '34, 565-566.
 [Obituary of] Richard Gillespie, '34, 567.
 The fifty-second stated meeting of the American Ornithologists' Union, '35, 53-63.
 Report of the Secretary, '35, 64-67.
 Report of the Committee on Biography and Bibliography, '35, 68-69.
 [Obituary of] Thomas Spencer, '35, 131.
 [Obituary of] Elizabeth Braxton Dav-enport, '35, 355.

- [Obituary of] John Hooper Bowles, '35, 489.
 [Obituary of] John Kern Strecker, '35, 491.
 [Obituary of] George Dupont Pratt, '35, 493.
 [Obituary of] William Henry Fox, '35, 493.
 The fifty-third stated meeting of the American Ornithologists' Union, '36, 57-69.
 [Obituary of] Harry Schelwald Swarth, '36, 128.
 [Obituary of] Henry Smith Osler, '36, 128-129.
 [Notice of death of] Archibald Thorburn, '36, 129.
 [Obituary of] George Melendez Wright, '36, 256-257.
 [Obituary of] John David Dignes La Touche, '36, 370-371.
 [Obituary of] Albert Pitts Morse, '36, 372-373.
 [Obituary of] (Mrs.) Etta Smith Wilson, '36, 373-374.
 [Obituary of] (Mrs.) Carrie Elizabeth Fargo Bicknell, '36, 374.
 [Obituary of] Enrique Lynch Arribalzaga, '36, 483.
 [Obituary of] Louis Lavauden, '36, 483.
 The fifty-fourth stated meeting of the American Ornithologists' Union, '37, 117-126.
 [Obituary of] Amos William Butler, '37, 573-574.
 [Obituary of] Norman McClintock, '38, 585.
 [Obituary of] Sergius Alexandrovich Buturlin, '39, 502.
 [Obituary of] William Cabell Rives, 3rd, '39, 502-503.
 [Obituary of] Putnam Burton Peabody, '39, 503.
 [Obituary of] Ferdinand Schuyler Mathews, '40, 138.
 [Obituary of] Edmund Platt, '40, 139.
 [Obituary of] Johannes Thienemann, '40, 445.
 Deceased members of the A. O. U., '40, 450-466.
 palmeri (Myiolestes)] see Myiolestes.
 — (Toxostoma), see Toxostoma.
Palmgren, Pontus.
 Zur Synthese Pflanzen- und Tierökologischer Untersuchungen (rev.), '33, 245.
 Quantitative Untersuchungen über die Vogelfauna in den Wäldern Südfinnlands (rev.), '33, 245.
 Zur Biologie von *Regulus r. regulus* (L.) und *Parus atricapillus borealis* Selys (rev.), '33, 246.
 Die Haubenmeise (*Parus cristatus* L.) auf Aland (rev.), '33, 246.
 [On a specimen of *Phalacrocorax perspicillatus* Pallas in Zoological Museum in Helsingfors] (rev.), '36, 250.
 Ueber einen auffälligen Massenzug, nebst Erörterungen über die zugstimulierenden Witterungsfaktoren und den Richtungssinn der Vögel (rev.), '37, 566.
 Bemerkungen über die ökologische Bedeutung der biologischen Anatomie des Fusses bei einigen Kleinvo-gelarten (rev.), '37, 225.
 Palonne, see *Spatula clypeata*.
 palpebrata (Phoebebia), see Phoebebia.
 paludicola (Acrocephalus), see Acrocephalus.
 — (Telmatodytes), see Telmatodytes.
Paludicolae, '40, 167.
 palumbarius (Astur), see A. gentilis.
 palumbus (Columba), see Columba.
 paluster (Vireo), see Vireo.
 palustris (Acrocephalus), see Acrocephalus.
 — (Parus), see Parus.
 — (Telmatodytes), see Telmatodytes.
 — (Telmatodytes), see T. dissaeptus.
Panama (including Canal Zone).
 Aldrich, J. W., and Bole, B. P., Jr., '38, 144 (rev.).
 Arbib, R. S., Jr., and Loetscher, F. W., Jr., '35, 325-328.
 Brandt, H. W., '38, 288.
 Chapman, F. M., '31, 119-121, 603, '33, 30-34, '37, 392, '39, 95-96 (rev.).
 Deignan, H. G., '33, 125.
 Greenway, J. C., Jr., '34, 377-379.
 Griscom, L., '32, 199-203, 256 (rev.), '33, 297-308, '35, 338 (rev.), 341 (rev.).
 Griscom, L., and Greenway, J. C., Jr., '37, 562 (rev.).
 Griswold, J. A., Jr., '36, 457-458.
 Harrower, D. E., '36, 336-337.
 Lincoln, F. C., '32, 457-458.
 Moore, R. T., and Peters, J. L., '39, 53-54.
 Rogers, C. H., '37, 392, '39, 81-83.
 Skutch, A. F., '31, 481-500, '34, 8-16.
 Van Tyne, J., '37, 379.
 Worth, C. B., '38, 535-536, 539-540, '39, 306-310.
 panamensis (Amazona), see Amazona.
 — (Damophila), see Damophila.
 — (Malacoptila), see Malacoptila.
 — (Psittacus), see Amazona.
 — (Tyrannulus), see Tyrannulus.

Pandion, *ost.* '35, 360.

carolinensis (*Osprey), *Acadia*, '40, 79^a; *Antigua*, '34, 357; *Ark.* '36, 349^a, 350; *Bah. I.* '38, 52 (subsp. ?); *B. C.* '38, 297^a; *Haiti*, '34, 502; *Ill.* '34, 100; *Kans.* '33, 450; *Labr.* '37, 21; *Md.* '32, 463^a, '36, 303^a; *Mass.* '39, 492^a; *Mex.* '35, 251; *Mich.* '34, 25; *N. F.* '36, 342; *N. J.* '32, 464^a, '36, 394^a, 403, '38, 294^a, '39, 430^a; *N. C.* '36, 227; *N. S.* '37, 21; *Okla.* '33, 373; *Pan.* '35, 326; *Pa.* '34, 19, '35, 243, 247, '39, 435-437, '40, 248^a; *Tex.* '35, 99, '38, 132; *Utah*, '31, 619; *Va.* '36, 261-268.—*behav.* '40, 439^a; *blood*, '37, 516^a, 517; *egg*, '40, 55^a; *hbl.* '32, 463^a, 464^a, '36, 261-268, '37, 556^a, '38, 525^a; *incub.* '40, 55^a, 58^a; *misg.* '34, 19, 25, '35, 243, 247, '36, 350, 403, '39, 430^a, 435^a, 437, '40, 248^a; *nest*, '36, 261-268; *pl.* '36, 261, 264, 268; *pter.* '38, 690^a; *tax.* '38, 690^a; *wt.* '38, 517; *wing area*, '38, 517; *yng.* '36, 263-268; *misc.* '38, 140^a, '40, 262^a.

haliaetus (*Osprey, Fish Hawk), *Finl.* '38, 578^a; *Germ.* '39, 346^a.—*fd.* '34, 258, 417; *nest.* '39, 359^a; *misc.* '36, 123.

Pandionidae, *tax.* '38, 690.

Pangburn, Clifford Hayes.

Some additional notes on the birds of Pinellas County, Fla., '36, 198.

Correction concerning Zenaida dove record from Florida, '37, 574.

Panurus biarmicus, *hbl.* '31, 315, 469.

Panyptila cayennensis, *Pan.* '34, 377, '39, 83.—*nid.* '34, 377-379.

papa (Gypagus), see Sarcoramphus.

— (Sarcoramphus), see Sarcoramphus.

— (Vultur), see Sarcoramphus.

papago (Hedymeles), see Hedymeles.

papilio (Touit), see Touit.

papua (Anhinga), see Anhinga.

— (Aprosmictus), see Aprosmictus.

— (Geopelia), see Geopelia.

— (Pygoscelis), see Pygoscelis.

papuanus (Casuarius), see Casuarius.

papuensis (Archboldia), see Archboldia.

par (Ptilorhoa), see Ptilorhoa.

— (Thalasseus), see Thalasseus.

Paracorax, *tax.* '34, 262.

Paradisaea ampla, *N. Guinea*, '34, 268.

apoda (Greater Bird of Paradise),

misc. '31, 312, '32, 122.

guilielmi, *dance*, '39, 208.

rubra (*Red Bird of Paradise), *behav.* '38, 147^a.

paradisaea (Sterna), see Sterna.

Paradise-Crow, see Lycocorax pyrrhopterus.

paradisaea (Steganura), see Steganura.

Paradisornis rudolfi (*Prince Rudolph's Bird of Paradise), *avic.* '37, 423^a.

Paradoxornis stresemanni, *China*, '34, 559.

paradoxus (Syrrhaptes), see Syrrhaptes.

paraensis (Polioptila), see Polioptila.

paraguaiae (Capella), see Capella.

— (Gallinago), see Capella.

Paraguay.

Brodkorb, P., '39, 100 (rev.), 200 (rev.).

Conover, H. B., '34, 365-366.

Naumberg, Elsie M. B., '38, 577 (rev.), '40, 436 (rev.).

paraguayae (Icterus), see Icterus.

paraguayensis (Embernagra), see Embernagra.

paraguena (Eudynamis), see Eudynamis.

Parakeet, African Red-faced, see Agapornis pullaria.

Australian Yellow, see Platycercus flaveolus.

Blue Alexandrine, see Psittacula nipalensis.

Carolina, see Conuropsis carolinensis.

Cloncurry, see Platycercus macgillivrayi.

Crimson-winged, see Aprosmictus erythropterus.

Derbyan, see Psittacula derbyana.

Fischer's, see Agapornis fischeri.

Grass, see Melopsittacus undulatus.

Gray-headed, see Agapornis cana.

Green, see Myiopsitta monachus.

Hooded, see Psephotus dissimilis.

Norfolk Island, see Cyanoramphus cooki.

Nyasaland, see Agapornis lilianae.

Shell, see Melopsittacus undulatus.

paralia (Cyanocitta), see Cyanocitta.

Paramythia, *syst.* '33, 463.

Paranyroca magna, *S. D.*, *fos.*, '40, 129.

Paraortygometra, *tax.* '34, 262.

Parapavo, *misc.* '32, 259.

Parascaniornis, *tax.* '34, 262.

stensioli, *fos.* '34, 262.

Parasites of Birds.

Allen, A. A., and Kellogg, P. P., '37, 177.

Bagg, A. C., '39, 190.

Bagnall, R. S., '32, 128 (rev.).

Bell, F., '37, 560 (rev.).

Bequaert, J., '39, 353 (rev.).

Boughton, D. C., '37, 500-509.

Brennan, J. M., '39, 200 (rev.).

Brummitt, D. W., '39, 201 (rev.).

Cannon, D. G., '39, 353 (rev.).

Carriker, M. A., '36, 358 (rev.).

Clarke, C. H. D., '36, 463 (rev.).

Connell, F. H., and Doremus, H. M., '37, 321-323.

- Davis, D. E., '40, 203.
 Eichler, W., '39, 202 (rev.).
 Endrigkeit, A., '38, 691 (rev.).
 Erickson, A. B., '40, 514-519.
 Gross, A. O., '37, 40-42.
 Guimaraes, L. R., and Lane, F., '38, 692 (rev.).
 Herms, W. B., and Kadner, C. G., '38, 149 (rev.).
 Hindwood, K. A., '31, 156 (rev.).
 Johnson, C. W., '32, 262 (rev.).
 Johnson, R. A., '37, 383.
 Kotlan, A., '40, 590 (rev.).
 Manwell, R. D., and Goldstein, F., '39, 357 (rev.).
 McAtee, W. L., '40, 345-346.
 Menegaux, A., '39, 349 (rev.).
 Nordberg, S., '37, 566 (rev.).
 Peters, H. S., '36, 245 (rev.).
 Putzig, P., '39, 358 (rev.).
 Roberts, N. L., '40, 437 (rev.).
 Sargent, W. D., '38, 82-84.
 Schulze, P., '37, 567 (rev.).
 Solomon, S. G., '35, 342 (rev.).
 Sommer, J. B., '37, 50-54.
 Thompson, G. B., '39, 360 (rev.).
 Wood, M., '31, 265-266.
parasiticus (*Stercorarius*), see *Stercorarius*.
- Parasitism by Birds.**
 Amadon, D., '40, 257.
 Bennett, L., '38, 565 (rev.).
 Bramwell, W. H., '38, 569 (rev.).
 Bunyard, F. P., '36, 247 (rev.).
 Chavigny, J. de, and Le Du, R., '39, 100 (rev.).
 Chisholm, A. H., '33, 385-395.
 Clarke, C. H. D., '40, 270 (rev.).
 Crook, C., '34, 384-385.
 Davis, D. E., '40, 212-213, 481-484.
 Davis, W. B., '38, 546.
 Eates, K. R., '37, 561 (rev.).
 Friedmann, H., '31, 52-65, 460 (rev.), '32, 380-381 (rev.), '34, 423 (rev.), '38, 41-50.
 Groebels, F., '38, 135 (rev.).
 Hicks, L. E., '34, 385-386.
 Jacobs, J. W., '38, 260-262.
 Koch, J. C., '39, 496 (rev.).
 Livesey, T. R., '38, 304 (rev.).
 Makatsch, W., '34, 427 (rev.), '38, 138-139 (rev.).
 Meanley, M. B., Jr., '38, 543.
 Mousley, H., '37, 544.
 Nice, Margaret M., '38, 153 (rev.).
 Priest, C., '37, 216-217 (rev.).
 Schantz, W. E., '37, 189.
 Schorger, A. W., '40, 118.
 Stidolph, R. H. D., '40, 276 (rev.).
 Ussher, R. D., '38, 545-546.
- Williams, C. S., and Trowbridge, A. H., '39, 77.
Paratrogon, *tax.* '34, 262.
parellina (*Cyanocompsa*), see *Cyanocompsa*.
Parham, H. J.
 A nature lover in British Columbia (rev.), '38, 297-298.
Paridae, *behav.* '40, 171, 176; *eye*, '38, 239; *plm.* '36, 166; *song*, '38, 264, 266; *temp.* '38, 651; *misc.* '40, 444.
parishi (*Loxigilla*), see *Loxigilla*.
Parisoma clara, *Afr.* '34, 277.
Parker, Eric.
 Ethics of egg-collecting (rev.), '36, 467-468.
Parker, Harry Clarence.
 Atlantic fulmar in Worcester, Massachusetts, '39, 326.
 Dickcissel in Worcester, Massachusetts, '39, 341-342.
Parker, Herbert, 1856-1939.
 Obituary, '39, 362-363, '40, 148.
parkmani (*Troglodytes*), see *Troglodytes*.
Paroaria cristata (*Brazilian Cardinal), *H. I.* '38, 578*.
cucullata (Red-crested Cardinal), *Mass.* '31, 566.
schulzi, *Parag.* '37, 406.
 Paroquet, Carolina, see *Conuropsis carolinensis*.
 Hispaniolan, see *Aratinga chloroptera*.
 Interior Carolina, see *Conuropsis ludovicianus*.
 Louisiana, see *Conuropsis ludovicianus*.
Parotia fuscior, *N. Guinea*, '34, 268.
sefilata, *hbt.* '31, 315; *misc.* '32, 391.
Parrish, Morris L.
 Varied Thrush at Clementon, New Jersey, '37, 395.
 Parrot, African, see *Psittacus erithacus*.
 Bahama, see *Amazona leucocephala*.
 Blue-fronted Amazon, see *Amazona aestiva*.
 Double Yellow-headed, see *Amazona oratrix*.
 Gray, see *Psittacus erithacus*.
 King, see *Purpureicephalus spurius*.
 Masked, see *Prosopeia personata*.
 Night, see *Geopsittacus occidentalis*.
 Panama, see *Amazona panamensis*.
 Paradise, see *Psephotus pulcherrimus*.
 Pesquet's, see *Psittichas fulgidus*.
 Sun, see *Deroptyus accipitrinus*.
 Thick-billed, see *Rhynchopsitta pachyrhyncha*.
 Partridge, Black, see *Francolinus francolinus*.
 Common, see *Perdix perdix*.
 European, see *Perdix perdix*.

- Gray, see *Perdix perdix*.
 Hungarian, see *Perdix perdix*.
 Indian Grey, see *Francolinus pondicerianus*.
 Red, see *Alectoris rufa*.
 Red-legged, see *Alectoris rufa*.
 Red-legged Chukar, see *Alectoris chukar*.
Parus, *tax.* '35, 105.
 apeliotes, Manchuria, '35, 110.
 ater (Coal Titmouse), *Russ.* '37, 411.
 — *hbt.* '40, 176; *melan.* '34, 240.
 atricapillus, *hbt.* '40, 176.
 bargaensis, Manchuria, '40, 441.
 blanchardi, Afghanistan, '38, 695.
 borealis, *biol.* '33, 246.
 caeruleus (*Blue Titmouse), *fd.* '40, 520; *hbt.* '37, 568; '40, 176; *hyb.* '31, 642; *misc.* '37, 248.
 cristatus (*Crested Tit), *Aland*, '33, 246; *Germ.* '37, 552; — *hbt.* '40, 176.
 cyanus (*Blue Tit), *band.* '36, 363; 434.
 kleinschmidti (British Willow-Tit), *misc.* '33, 146.
 major (*Great Tit, Ox-eye Tit), *Jerusalem*, '33, 181; — *age*, '37, 226; *behav.* '38, 299; *hbt.* '39, 361, '40, 176; *hyb.* '31, 642; *tax.* '36, 156.
 minor, *tax.* '36, 156.
 misunoi, Manchuria, '40, 441.
 palustris (*Marsh Tit), *hbt.* '39, 108; *syst.* '33, 463, '36, 153.
 salicarius (*Willow Tit), *syst.* '36, 153.
 scclateri, *Mex.* '37, 197, '40, 235, 239.
 whistleri, *Kansu*, '31, 640.
parva (Columba), see *Columba*.
 — (Porzana), see *Porzana*.
parvulus (Camarhynchus), see *Camarhynchus*.
parvus (Numenius), see *N. occidentalis*.
 — (Puffinus), see *P. therminieri*.
 — (Xiphorhynchus), see *Xiphorhynchus*.
pascuus (Corvus), see *Corvus*.
Passer, *incub.* '40, 322; *tax.* '37, 553.
 boettcheri, *Jakutsk*, '34, 124.
 castanopterus (Somali Sparrow), *tax.* '32, 130.
 domesticus (*English Sparrow, House Sparrow, European House Sparrow, House Weaver), *Afr.* '38, 145; *Calif.* '34, 537; '38, 302; *Can.* '40, 132; *Chile*, '37, 226; *Colo.* '38, 572; *D. C.* '33, 451; *Engl.* '38, 498; 577; *Finl.* '38, 578; *Ind.* '34, 537; *Ia.* '34, 537; *Jerusalem*, '33, 181; *Kans.* '34, 537; *Me.* '37, 396; *Md.* '40, 334-347; *Mass.* '37, 211; *Mex.* '31, 639; *Minn.* '38, 669; *N. F.* '36, 344; *N. Z.* '34, 492; *N. S.* '38, 550; *O.* '31, 372, 377; '33, 223, '37, 326, '39, 258, '40, 4, 6; *Ont.* '39, 17-18; *S. C.* '35, 459; '36, 315; *Switz.* '37, 412; *Urug.* '40, 517; *Utah*, '34, 537; — *abnormal bill*, '40, 593; *behav.* '40, 593; *blood*, '37, 518; *disease carrier*, '37, 501; *dist.* '33, 258, '37, 224, '40, 132; *economic status*, '40, 590; *eye*, '38, 225, 232, 241, 242, 243; *feather count*, '36, 168; *flight*, '33, 452; *fd.* '32, 379; '33, 223, 451, '38, 417-418, 574; '40, 337; *hbt.* '37, 563, '38, 222, 302; *hearing*, '39, 353; '40, 125; *hyb.* '34, 277, '37, 224; *incub.* '40, 508; *nid.* '40, 339-347; *paras.* '37, 502, 508, '40, 276, 517; *physiol.* '38, 379; '40, 593; *pl.* '37, 508; *tax.* '36, 156, '38, 566; *wt.* '31, 574, '37, 326, '38, 422, 424, 427, 431, 436, 437, 452-457, 459; 515; *wing area*, '38, 515; *misc.* '33, 236; '35, 482; '36, 15, 88, 114; '37, 1, 2, 6, 43, 44, 216, 513, '38, 110; '39, 187, 456-458; 491; '40, 119, 252, 447.
 fulgens, *Kenya*, '32, 130.
 gobiensis, *Asia*, '34, 276.
 hispaniolensis, *dist.* '37, 224; *hyb.* '34, 277, '37, 224; *plm.* '37, 224; *tax.* '36, 156.
 italiae, *anat.* '39, 352; *dist.* '37, 224; *hyb.* '37, 224.
 kansuensis, *Kansu*, '32, 391.
 lisarum, *Burma*, '40, 439.
 malaccensis (Malay Tree Sparrow), *P. I.* '38, 222; — *hbt.*, *nid.*, '38, 222.
 maximus, *Tibet*, '38, 580.
 montanus (*European Tree Sparrow, Tree Sparrow), *Ill.* '34, 403; *Switz.* '37, 412; — *hbt.* '37, 412, 563; *hyb.* '34, 277; *misc.* '32, 389.
 pallidissimus, *Asia*, '34, 276.
 saturatus (Tree Sparrow), *wt.* '35, 343, '38, 432, 466.
 schaeferi, *Tibet*, '40, 276.
Passerculus, *nomen.* '39, 495.
 alaudinus (*Western Savannah Sparrow, Savannah Sparrow), *Mex.* '35, 256; — *flight*, '33, 316; *syn.* '37, 574; *tax.* '31, 295, '34, 116.
 annulus, *L. C.* '31, 460; — *tax.* '31, 295, 460.
 atratus, *Mex.* '31, 307.
 beldingi (Belding's Sparrow), *tax.* '31, 460.
 brunnescens (*Ammodramus), *syn.* '37, 574.
 bryanti (Bryant's Sparrow), *meas.* '36, 25, 26; *misc.* '36, 23.
 campestris, *Alta.* '33, 250.

- crassus*, *Alas.* '38, 579.—*dist.* '38, 579.
guttatus (*San Lucas Sparrow, San Benito Sparrow), *tax.* '31, 460; *misc.* '38, 170^a.
labophilus, *tax.* '31, 460.
labradorius (Labrador Savannah Sparrow), *Fla.* '32, 229; *Labr.* '37, 38, '38, 579; *Mass.* '32, 229; *N. F.* '32, 229, '36, 345 (subsp.?), '38, 579.—*meas.* '32, 229; *nest.* '37, 38; *tax.* '37, 38, '38, 579; *wt.* '37, 38.
mediogriseus, *O.* '40, 429.
nevadensis (*Nevada Savannah Sparrow), *N. D.* '36, 222^a.—*nest.* '36, 222^a; *misc.* '38, 579.
oblitus, *dist.* '38, 579.
princeps (*Ipswich Sparrow), *Del.* '35, 317; *Ga.* '32, 238, '35, 194; *N. H.* '31, 615; *N. C.* '33, 232, '37, 459; *N. S.* '38, 550.—*tax.* '38, 578^a.
rostratus (Large-billed Sparrow, Large-billed Marsh Sparrow), *Calif.* '39, 165; *L. C.* '39, 165; *Mex.* '35, 256.—*dist.* '39, 165; *fd.* '39, 165–166; *tax.* '31, 460.
sandwichensis, *tax.* '40, 429.
savanna (*Eastern Savannah Sparrow, Savannah Sparrow, ^bsandwichensis, *bradburyi), *Ark.* '31, 238; *Conn.* '32, 360^a; *Del.* '35, 317; *Fla.* '31, 253^a; *Ill.* '33, 373; *Md.* '32, 97, '38, 282; *Mich.* '35, 362, '36, 111^a, '37, 311, 312, 314^a; *N. B.* '31, 61; *N. J.* '33, 229; *N. Y.* '39, 179; *N. C.* '34, 397, '37, 459; *O.* '31, 376, '33, 236, '34, 386^a, '37, 326; *Ont.* '31, 61, '39, 242; *Que.* '31, 242^a, '37, 38; *W. Va.* '32, 97, '33, 443, '34, 395^a, '35, 96.—*cowbird host*, '34, 386^a; *feather count*, '36, 169^a; *hbt.* '31, 61, '36, 126^a; *meas.* '36, 24, 25, 26; *mig.* '34, 397; *nest.* '35, 96, '37, 38; *plm.* '36, 111^a; *song*, '34, 504^a, '35, 40–52^a, '37, 316^a, '38, 267^a, '39, 104^a; *tax.* '38, 578, 579^a; *wt.* '37, 326, '38, 445^b; *misc.* '36, 23, '37, 397^a, '38, 579.
Passerella, *hbt.* '36, 13.
iliaca (*Eastern Fox Sparrow, Fox Sparrow), *Ark.* '31, 238; *Conn.* *Val.* '32, 360^a; *Italy*, '39, 354, 496; *Labr.* '37, 39; *Mass.* '32, 233; *N. F.* '36, 344^a, 345; *N. Y.* '33, 365; *N. C.* '35, 460^a; *Que.* '31, 241^a.—*blood*, '37, 518; *eye*, '38, 242^a; *feather count*, '36, 163^a, 165^a, 169^a; *song*, '34, 506^a; *wt.* '31, 574, '37, 330, '38, 425^a, 440, 441, 515; *wing area*, '38, 515; *misc.* '37, 332^a, '38, 465.
insularis (Kodiak Fox Sparrow, ^bhyperborea), *nomen.* '34, 549^b.
mariposae (Yosemite Fox Sparrow), *Ore.* '38, 691.

- megarhyncha* (Thick-billed Fox Sparrow), *misc.* '38, 691.
schistacea (Slate-colored Fox Sparrow), *Wash.* '31, 63.—*hbt.* '31, 63.
Passeres, *Afr.* '38, 681, '40, 498; *Russ.* '36, 106.—*eye*, '38, 239, 240; *nomen.* '37, 553; *tax.* '39, 357; *misc.* '38, 579.
Passerherbulus caudatus (*Leconte's Sparrow), *Alla.* '37, 309; *Ill.* '34, 101; *La.* '34, 99; *Mich.* '35, 100, 362, '37, 309–318, 546; *Miss.* '37, 546; *Mo.* '37, 546; *O.* '37, 397, 397–399, 545–546; *Okla.* '38, 507; *Ont.* '38, 283–284, 284, '39, 242; *S. D.* '37, 309–310; *Tenn.* '37, 546; *W. Va.* '37, 546.—*dist.* '37, 309, 317; *egg*, '37, 313; *mig.* '37, 545–546; *nid.* '37, 310–315; *pl.* '37, 309, 316; *song*, '37, 315–317; *wt.* '37, 313–314, 545; *misc.* '38, 244^a.
henslowi (*Western Henslow's Sparrow, Henslow's Sparrow, ^boccidentalis), *Ark.* '31, 238^b; *Ill.* '33, 373; *Ind.* '34, 388; *Mich.* '31, 618, '35, 362, '36, 111^a, '37, 313, '39, 99^a, '40, 120–121; *O.* '33, 236, '34, 386^a, 388, '36, 229, '37, 326, '38, 49.—*cowbird host*, '34, 386^a, '38, 46, 49; *life hist.* '40, 120–121; *wt.* '37, 326; *misc.* '37, 397^a.
susurrans (*Eastern Henslow's Sparrow, Henslow's Sparrow), *D. C.* '31, 610; *Fla.* '31, 247^a; *Md.* '31, 62; *Mass.* '32, 102; *N. J.* '33, 230; *N. Y.* '31, 279^a, '33, 228; *N. C.* '33, 225, '34, 397, '37, 459; *Ont.* '38, 284 (2); *Vt.* '38, 552; *Va.* '34, 394, '37, 462; *W. Va.* '36, 91, 453.—*feather count*, '36, 169^a; *hbt.* '31, 62; *nest*, '31, 610; *note*, '36, 453; *song*, '38, 267^a.
Passeriformes, *Arctic*, '37, 569; *Fr.* '39, 349, '40, 586; *W. I.* '37, 560.—*avic.* '37, 557–558; *disease*, '40, 332; *eye*, '38, 230, 231, 232, 239, 240, 241; *hbt.* '40, 176; *incub.* '40, 59; *nid.* '38, 199; *paras.* '37, 506, '40, 517; *tax.* '39, 357; *wt.* '38, 652–654; *misc.* '37, 42, 216, 230, 403, 415, 553, '38, 559, 688, '40, 120, 499.
Passerina amoena (Lazuli Bunting), *Okla.* '38, 5, 507.—*hyb.* '38, 5.
ciris (*Painted Bunting, Nonpareil, ^bCyanospiza), *Ala.* '31, 595, '33, 234; *Fla.* '31, 246^a, 443; *N. C.* '37, 459; *Okla.* '36, 434, 507; *S. C.* '35, 95.—*disease*, '40, 332^b; *mtl.* '38, 568^a; *plm.* '33, 121^a; *song*, '38, 547.
cyanea (*Indigo Bunting, Indigo Bird), *Ala.* '33, 370; *Conn.* '35, 194; *Fla.* '35, 321; *Mich.* '36, 110^a; *N. S.* '38, 549; *O.* '31, 372, '34, 386^a, '37, 326; *Okla.* '36, 434, '38, 5, 507; *Ont.* '39, 17, 492^a; *Pan.* '31, 120^a; *Tenn.* '35, 372^a.—*cowbird host*, '34, 386^a; *feather count*,

- '36, 168^a; *flight*, '33, 316^a; *hyb.* '38, 5; *mig.* '39, 17; *nest*, '35, 194; *physiol.* '40, 261^a; *song*, '34, 505^a, '38, 267^a; *wt.* '37, 326, '38, 444, 514; *wing area*, '38, 514.
dickeyae, *Sonora*, '34, 549.
pallidior, *Mex.* '38, 287.—*misc.* '38, 507.
versicolor (Varied Bunting), *N. M.* '31, 275.—*hbt.* '31, 59, 60, 63.
passerina (Columbigallina), see *Columbigallina*.
— (*Spizella*), see *Spizella*.
passerinii (*Ramphocelus*), see *Ramphocelus*.
passerinum (*Glaucidium*), see *Glaucidium*.
passerinus (*Forpus*), see *Forpus*.
Pastor roseus (*Rosy Starling), *India*, '36, 357^a; *Turkestan*, '31, 315.
Patagona gigas (*Giant Hummingbird), *Argent.* '38, 584^a.
Patagonia.
Sclater, W. L., '39, 206 (rev.).
Wetmore, A., '35, 449.
patagonica (*Pygochelidon*), see *Pygochelidon*.
patagonicus (*Mimus*), see *Mimus*.
patagonus (*Cyanoliseus*), see *Cyanoliseus*.
paulus (*Corvus*), see *Corvus*.
— (*Falco*), see *Falco*.
pauper (*Centurus*), see *Centurus*.
Pauraque, *Merrill's*, see *Nyctidromus merrilli*.
Pauxi unicornis, *Bol.* '40, 125.
paykullii (*Porzana*), see *Porzana*.
Payn, William Hale.
Spring migration at Tangier (rev.), '38, 578.
Some notes on the spring migration in Malta and Gozo (rev.), '38, 578.
Peabody, Putnam Burton, 1856–1937.
Obituary, '39, 123, 503.
pealei (*Falco*), see *Falco*.
Pealeornis maoriana, *N. Z.* '32, 511.
Pearse, Theed.
[On injury-feigning in birds], '36, 253.
A record of the passenger pigeon in British Columbia, '36, 446–447.
A remarkable influx of ravens into the Comox district, Vancouver Island, B. C. (rev.), '39, 205.
Pearson, Thomas Gilbert.
Third Bulletin of the International Committee for Bird Preservation (rev.), '32, 127.
The large wading birds (rev.), '33, 133–134.
Crows, magpies and jays (rev.), '33, 245.
Eastern house wren (*Troglodytes aëdon aëdon*) breeding in North Carolina, '34, 87–88.
[Retirement as president, National Association of Audubon Societies], '35, 133.
[Mention of his 'Birds of America'], '36, 260.
Adventures in bird protection (rev.), '37, 401–403.
see *Halle*, L. J., Jr., 'Birds against men' (rev.), '38, 682.
Sparrows, towhees and longspurs (rev.), '39, 358.
North Carolina bird colonies, '40, 423–424.
Pearson, T. G., and *Brooks*, A.
see *Brooks* and *Pearson*.
Pease, Humphrey Joseph Robinson.
Birds of Hailuoto, Finland (rev.), '38, 578.
Peattie, Donald Culross.
Green laurels, the lives and achievements of the great naturalists (rev.), '36, 461–462.
pectoralis (*Accipiter*), see *Accipiter*.
— (*Automolus*), see *Automolus*.
— (*Donacola*), see *Donacola*.
— (*Rallus*), see *Rallus*.
Pedioecetes campestris (*Prairie Sharp-tailed Grouse, *campisylvicola*), *Man.* '35, 478^b; *Neb.* '33, 432; *N. D.* '37, 534–535; *S. D.* '33, 432; *Wisc.* '39, 495^a.
—*dist.* '39, 184; *fd.* '37, 534–535; *syn.* '39, 184.
columbianus (*Columbian Sharp-tailed Grouse), *Alta.* '33, 432; *Colo.* '33, 432.—*dist.* '39, 184; *fd.* '40, 109^a.
jamesi, *dist.* '39, 184–185; *misc.* '34, 540, '35, 478.
kennicotti, *Mack.* '33, 432.—*dist.* '39, 184; *tax.* '33, 432; *misc.* '35, 478.
phasianellus (*Northern Sharp-tailed Grouse, Sharp-tailed Grouse), *Man.* '33, 432; *Minn.* '33, 432; *Que.* '33, 250.
—*dist.* '39, 184; *fd.* '32, 378, '39, 483^a; *misc.* '35, 477, '37, 47^a, 514^a.
Pedionomus torquatus (*Plain Wanderer), *misc.* '39, 359^a.
Pediunker, see *Adamastor cinereus*.
Pedler, Edward G., and *Ledlie*, R. C. B.
see *Ledlie* and *Pedler*.
peeti (*Botaurus*), see *Botaurus*.
— (*Saltator*), see *Saltator*.
pelagica (*Chaetura*), see *Chaetura*.
pelagicus (*Hydrobates*), see *Hydrobates*.
— (*Phalacrocorax*), see *Phalacrocorax*.
pelagitis (*Geothlypis*), see *Geothlypis*.
Pelagodroma marina (White-faced Storm Petrel), *band.* '34, 121; *misc.* '37, 148.
Pelecani, *eye*, '38, 237.

Pelecanidae, *eye*, '38, 237.

Pelecaniformes, *Switz.* '40, 585.—*behav.* '40, 174, 175; *eye*, '38, 237, 241; *incub.* '40, 57; *paras.* '37, 505; *syn.* '40, 586; *misc.* '37, 41.

Pelecanus californicus (*California Brown Pelican), *B. C.* '36, 374; *Mex.* '35, 250, 424;—*flight*, '39, 292–299; 301–302.

erythrorhynchos (*White Pelican, Pelican), *Antigua*, '34, 355 (err., see '39, 304); *Ark.* '36, 349; *B. C.* '33, 205; *Fla.* '31, 437, '33, 429, '35, 180, 462; *Ill.* '35, 101; *Man.* '31, 208; *N. C.* '35, 442; *N. D.* '38, 271; *O.* '31, 373, 376; *S. C.* '34, 508; *Tex.* '35, 199, '38, 63; *Utah*, '36, 71; 289–294; *Wisc.* '34, 538.—*aviary*, '37, 520–523; *conserv.* '33, 458, '36, 288–294, '39, 217; *egg*, '40, 55; *fd.* '36, 290; *incub.* '40, 55, 57; *nest*, '36, 289; *misc.* '34, 538, '35, 477, '36, 118.

halieus, *Ida., fos.*, '34, 271.

occidentalis (*Eastern Brown Pelican, Brown Pelican, *Alcatraz*), *Antigua*, '34, 355; *Del.* '34, 508; *Fla.* '31, 436, '36, 100; '37, 343; *La.* '31, 413; *Md.* '35, 460; *Mass.* '34, 77; *N. C.* '34, 94; *N. D.* '38, 271; *P. R.* '38, 53; *S. C.* '32, 212; '40, 292; *Tex.* '35, 199, '38, 63, 132, 586; *V. I.* '38, 553.—*egg*, '40, 55; *eye*, '38, 229; *flight*, '33, 313; *hbt.* '31, 413; *incub.* '40, 55, 57; *misc.* '36, 19^b, 470.

onocrotalus, *type loc.* '33, 383.

pelewensis (Hypotaenidia), see Hypotaenidia.

pele (Scotopelia), see Scotopelia.

Pelican, see **Pelecanus erythrorhynchos**.

Brown, see **Pelecanus occidentalis**.

California Brown, see **Pelecanus californicus**.

Eastern Brown, see **Pelecanus occidentalis**.

White, see **Pelecanus erythrorhynchos**.

Pelidna, *tax.* '34, 540.

alpina (*Dunlin, *Erolia*), *American records*, '37, 71–72; *G. Br.* '38, 690; *Mass.* '37, 72.—*dist.* '33, 203, '37, 70; *hbt.* '31, 185; *meas.* '37, 71; *plm.* '37, 70; *races*, '37, 70.

arctica (*Calidris), *Greenl.* '33, 135^b; *Mass.* '37, 71–72.—*dist.* '37, 70; *meas.* '37, 71; *plm.* '37, 70.

centralis, *dist.*, *meas.*, *tax.*, '37, 70–72.

sakhalina (*Red-backed Sandpiper, *pacificus*), *Ark.* '38, 285; *Baf. I.* '40, 14; *Conn.* '33, 444; *Fla.* '34, 98; *Ia.* '35, 84; *La.* '37, 287; *Man.* '35, 203; *Md.* '38, 127; *Mass.* '34, 246, 390, '37,

388–389; *Mich.* '31, 417; *N. J.* '31, 419, 420, 421, 422; '32, 470–474; *N. C.* '33, 231, '35, 318, '37, 454, 549; *Ont.* '35, 196, '36, 116; *Pa.* '31, 113, 593, '34, 533, '38, 276; *S. C.* '36, 80; *Tex.* '38, 67, 133; *Va.* '35, 438; *Wash.* '38, 276.—*dist.* '37, 70; *hbt.* '31, 182; *meas.* '37, 71; *nomen.* '39, 100^b; *plm.* '37, 70; *wt.* '35, 203.

schinai, *dist.* '37, 70; *meas.* '37, 71; *misc.* '37, 72.

Pelkwyk, Joost Ter, and Nice, Margaret M.

see Nice and Pelkwyk.

Pell, Stuyvesant Morris.

Gray lag goose in Massachusetts, '33, 208–209.

Ring-necked duck in Berkshire County, Mass., '36, 323.

pelodramus (Rallus), see Rallus.

pelonota (Ammospiza), see Ammospiza.

— (Thryospiza), see Ammospiza.

Peltohyas australis (*Australian Dotterel), *hbt.* '40, 430.

Peltops montanus, *tax.* '33, 149.

pelzelni (Sicalis), see Sicalis.

pembaensis (Treron), see Treron.

pembertoni (Lophortyx), see Lophortyx.

Penard, Thomas Edward, 1878–1936.

Obituary, '37, 232–234, '38, 324.

Bibliography, '37, 233–234.

penardi (Jacamerops), see Jacamerops.

pendulinus (Anthoscopus), see Anthoscopus.

— (Remiza), see Anthoscopus.

Penelope aequatorialis, *meas.* '32, 334; *tax.* '32, 331.

argyrotis (*b*montana, *e*lichtensteini, *d*Pipile), *syn.* '32, 324^{bod}; *tax.* '32, 324.

atroglaris, *Ecuad.* '32, 328; *tax.* '32, 328.

barbata, *tax.* '32, 326.

brookii, *tax.* '32, 329.

brunnescens, *Venez.* '32, 333.—*meas.* '32, 334; *tax.* '32, 333.

colombiana, *tax.* '32, 325.

cristata (*b*Meleagris), *syn.* '32, 331^b;

tax. '32, 331.

jacquacu (*b*boliviana), *tax.* '32, 335, 336^b.

montagnii, *tax.* '32, 326.

olivaceiceps, *Venez.* '33, 142.

orienticola, *Braz.* '33, 142.

ortoni, *tax.* '32, 336.

perspicax, *tax.* '32, 332.

plumosa, *meas.* '32, 330; *tax.* '32, 329.

purpurascens, *Mex.* '37, 192.—*tax.* '32, 331.

sclateri, *tax.* '32, 330.

speciosa, *tax.* '32, 335.

- superciliaris*, *tax.* '33, 254.
penelope (Anas), see Mareca.
 — (Mareca), see Mareca.
Penguin, Adélie, see *Pygoscelis adeliae*.
 Black-footed, see *Spheniscus demersus*.
 Crested, see *Eudyptes pachyrhynchus*.
 Emperor, see *Aptenodytes excelsior*.
 Galapagos, see *Spheniscus mendiculus*.
 Gentoo, see *Pygoscelis papua*.
 Jackass, see *Spheniscus demersus*.
 Little, see *Eudyptula minor*.
 Ringed, see *Pygoscelis antarctica*.
peninsulæ (Ammospiza), see *Ammospiza*.
 — (Passerherbulus), see *Ammospiza*.
pennatus (Hieraaëtus), see *Hieraaëtus*.
Pennegoin, see *Plautus penninis*.
Pennell, Francis Whittier.
 Travels and scientific collections of
 Thomas Nuttall (rev.), '37, 417–418.
 An English obituary account of
 Thomas Nuttall (rev.), '38, 696.
Pennock, Charles John, 1857–1935.
 On the color of the iris and other characteristics of the boat-tailed grackle,
 '31, 607–609.
 Bobolinks nesting in southeastern
 Pennsylvania, '32, 488.
 Obituary, '35, 488, '36, 68.
Pennsylvania.
 Allen, G. M., '38, 547–548.
 Beck, H. H., '36, 443–444, '40, 110.
 Beck, H. H., and Sharp, B., '34, 92.
 Broun, M., '35, 233–248, 311, '37, 406
 (rev.), '39, 429–441.
 Brown, S. H., '34, 74.
 Burns, F. L., '38, 569 (rev.).
 Cottam, C., '35, 436.
 Cramer, W. S., '31, 434, 593, '32, 348–
 349, 355, '34, 368.
 Curry, H. B., '33, 428–429.
 Deane, R., '31, 264–265.
 Debes, V. A., '34, 230–231.
 Dise, Mary D., '31, 259–260.
 Foster, F. B., '33, 359–360.
 Frey, E. S., '40, 247–250.
 Gillespie, Mabel B., and Gillespie, J. A.,
 '33, 205–206.
 Gross, A. O., '31, 511.
 Haldeman, D. W., '31, 385–406.
 Huber, W., '38, 668.
 Jacobs, J. W., '33, 119, '34, 382, '38,
 260–262, 303 (rev.).
 Lance, H., '34, 74.
 Luttringer, L. A., Jr., '39, 105 (rev.).
 MacReynolds, G., '38, 304 (rev.).
 May, R. M., '34, 533, '36, 94–95.
 McCann, H. D., '36, 84–85.
 Meyer, W. H., '39, 187.
 Middleton, R. J., '36, 101.
 Miller, R. F., '39, 497 (rev.), '40, 436
 (rev.).

- Murphy, R. C., and Vogt, W., '33, 331.
 Pennock, C. J., '32, 488.
 Pettingill, O. S., Jr., '35, 303.
 Platt, C., '31, 613–614.
 Poole, E. L., '31, 110, '32, 233–235, '33,
 97–98, 230–231, '34, 17–20, 74, 94,
 '40, 577–578.
 Raney, E. C., '39, 337–338.
 Reimann, E. J., '39, 331–332, '40, 253–
 254, 562.
 Rothrock, B. P., '31, 415.
 Seiple, S. J., '31, 113.
 Sharp, B. L., '33, 438, '34, 531.
 Smyth, T., '40, 562–563.
 Stabler, R. M., '38, 658–660.
 Terres, J. K., '40, 107, 422.
 Todd, W. E. C., '36, 440, '38, 274, '40,
 579–580 (rev.).
 Weiser, C. S., '33, 92–93.
 Wimsatt, W. A., '40, 107–109.
 Wood, H. B., '33, 359, '35, 300–301,
 309, 310–311, '36, 208, 223, '37, 535–
 536, '38, 276, '39, 472, 481.
 Wood, H. B., and Wood, M., '33, 93–
 94, '34, 74.
 Wood, M., '31, 265–266, '32, 98, 463,
 '38, 123.
 Worth, C. B., '34, 519, '35, 80, '38, 674,
 679, '39, 329.
pennsylvanica (Dendroica), see *Dendroica*.
Penthestes, *tax.* '35, 105.
agilis (Plumbeous Chickadee), *Okla.*
 '36, 433.
aldrichi, *Anticosti* I. '40, 587.
anamesus, *Ont.* '38, 116*—*descr.* '38,
 116; *dist.* '38, 116; *tax.* '40, 541.
atricapillus (*Black-capped Chicka-
 dee, Chickadee), *Ill.* '38, 47; *N. F.* '36,
 344; *N. H.* '36, 89*; *N. Y.* '34, 240, '36,
 6*, '40, 422; *N. S.* '40, 536–540; *O.* '37,
 326; *Ont.* '40, 536–540; *Pa.* '36, 472*;
W. Va. '34, 395, '38, 311*—*behav.* '38,
 673–674; *call.* '31, 622; *cowbird* host, '38,
 47; *fd.* '32, 379*, '33, 374*, 452*, '40,
 422; *hbt.* '40, 176, 178; *meas.* '36, 24–25,
 26, '40, 537–540; *melan.* '34, 240; *song.*
 '35, 40–52*, '38, 266*, 687*; *type* loc. '38,
 116; *wt.* '37, 326, '38, 422*, 438, 439, 514,
 651–652*; *wing* area, '38, 514; *misc.* '31,
 542*, 543*, 544*, '36, 22, '38, 140*, '39,
 358*.
bartletti, *N. F.* '40, 269.
carolinensis (*Carolina Chickadee).
Ark. '31, 239; *Fla.* '31, 254; *Md.* '38,
 47; *O.* '31, 375, 376*; *Pa.* '36, 117*,
 472*; *W. Va.* '34, 395—*blood.* '37,
 516*, 517; *cowbird* host, '38, 45–47;
feather count, '36, 163–166*; *fd.* '32,
 365*; *wt.* '31, 574.
gambeli (Mountain Chickadee, ^b*Pa.*

- rus), *Aris.* '39, 324^b; *Mont.* '34, 240.—*song.* '34, 240.
guilloti, *La.* '39, 92.
hudsonicus (Hudsonian Chickadee, ^bParus), *Mich.* '35, 100, '36, 455^b.
impiger (*Florida Chickadee), *Fla.* '36, 479^a.—*hbt.* '36, 479^a.
littoralis (*Acadian Chickadee), *Labr.* '37, 37, 46^a; *Me.* '37, 308, '39, 190; *N. F.* '36, 344.—*meas.* '37, 37; *paras.* '39, 190; *wt.* '37, 37.
nevadensis, *Nev.* '38, 575.—*type loc.* '38, 575.
occidentalis (Oregon Chickadee), *B. C.* '40, 536.—*meas.* '36, 25, 26; *misc.* '36, 22.
rufescens (*Chestnut-backed Chickadee), *Alta.* '40, 594^a; *Mont.* '34, 239.—*song.* '34, 239.
septentrionalis (Long-tailed Chickadee), *Alta.* '40, 536–540; *B. C.* '40, 536–540; *Man.* '40, 536–540; *Mont.* '34, 239; *Sask.* '40, 536–540; *Wyo.* '33, 111.—*meas.* '40, 537–540; *nest.* '33, 111; *song.* '34, 239; *tax.* '40, 536–541; *misc.* '38, 116.
peposaca (Metopiana), see Metopiana.
percautus (Tinamus), see Tinamus.
perca (Loxia), see Loxia.
percnopterus (Neophron), see Neophron.
percontatrix (Cyanocitta), see Cyanocitta.
Perdidae, *eye.* '38, 238.
Perdica meinertzhageni, *type loc.* '38, 311.
Perdix castaneothorax, *Manchuria.* '39, 495.
montana, *tax.* '39, 495.
perdix (*European Partridge, Common Partridge, Gray Partridge, Hungarian Partridge), *Ida.* '39, 483^a; *Ida.* '38, 692^a; '39, 36; *Mont.* '36, 230^a; *N. Y.* '40, 572^a; *P. E. I.* '40, 440^a; *Wisc.* '40, 407^a.—*disease.* '37, 414^a; *fd.* '32, 204–207, '36, 464^a; '37, 218^a; '39, 483^a; *hbt.* '38, 583, 691^a; *life hist.* '35, 216^a; *mig.* '35, 349; *mutation.* '39, 495; *nid.* '38, 583; *susceptibility to poison.* '36, 463^a; *misc.* '35, 223.
peregrina (Vermivora), see Vermivora.
peregrinus (Falco), see Falco.
Pereyra, José A.
Importancia de nuestras aves (rev.), '37, 225.
Viaje al paraíso de nuestras aves acuáticas (rev.), '38, 578.
Miscelanea ornitológica (rev.), '38, 578.
Algunos nidos poco conocidos de nuestra avifauna (rev.), '39, 107.
Aves de la zona ribereña nordeste de la Provincia de Buenos Ayres (rev.), '39, 358.
Pericrocotus cinereigula, *Borneo.* '38, 509–510.
griseigularis (*mandarinus), *China.* '38, 509–510, 510^b.
montanus, *Malaya.* '38, 509–510.
nassovicus, *Siam.* '38, 509–510^a.—*descr., dist.*, '38, 509.
ripponi, *Siam.* '38, 509.
solaris, *Siam.* '38, 509.
Perine, Kéble Barnum.
Marsh hawk vs. kingfisher. '31, 117.
Periporphyrus erythromelas (*Caryothraustes), *tax.* '40, 120^b.
Perisoreus, *eye.* '38, 236.
albescens, *tax.* '35, 106.
barbouri, *tax.* '35, 106.
bicolor, *Ida.* '34, 115.
canadensis (*Canada Jay), *Alta.* '31, 263^a; *Me.* '38, 144^a; *Mich.* '31, 131; *N. H.* '33, 111; *N. Y.* '35, 197; *Wisc.* '37, 392.—*nid.* '37, 393; *misc.* '31, 544^a.
griseus (*Gray Jay), *B. C.* '38, 525^a.—*note.* '38, 525^a; *tax.* '35, 106.
nigricapillus (Labrador Jay), *Labr.* '37, 36.—*meas.* '37, 36; *tax.* '35, 106; *wt.* '37, 36.
obscurus (Oregon Jay), *tax.* '35, 106.
rathbuni, *tax.* '35, 106.
sanfordi (*Newfoundland Jay), *N. F.* '36, 343, 344^a.
sibericus (*Cractes, *buturlini), *no-men.* '33, 258^{be}.
Perissotriccus atricapillus, *Pan.* '33, 301.
Perkins, Anne Elizabeth.
Destruction of petrels by cats. '32, 212.
Notes on some rare birds in southwestern Maine. '35, 460.
Perkins, George Henry, 1844–1933.
Obituary. '34, 70.
Perkins, Samuel Elliott, 3rd, 1878–1941.
Notes from Dorchester Co., Maryland. '33, 367–368.
Indiana specimen of great gray owl. '33, 436.
Double-crested cormorants breeding in Posey County, Indiana. '35, 74–75.
Late date for prairie horned lark nesting in central Ohio. '35, 453.
Bird records for Indiana. '35, 463–464.
perlata (Margarornis), see Margarornis.
permistus (Poicephalus), see Poicephalus.
permutata (Erythropygia), see Erythropygia.
permutatus (Dryobates), see Dryobates.
pernigra (Certhia), see Certhia.
Pernis apivorus (Honey Buzzard), *Den.* '36, 124; *Jerusalem.* '33, 185.—*fd.* '34, 258, 417; *hbt.* '33, 259; *misc.* '35, 222.

- orientalis** (*Siberian Honey Buz-zard), *Siam*, '37, 407; *Sib*, '33, 258.
philippensis, *P. I.*, '39, 497.
perobscurus (Accipiter), see Accipiter.
perpallidus (Ammodramus), see *A. bi-maculatus*.
 — (*Picus*), see *P. jessoensis*.
 — (*Pipilo*), see *Pipilo*.
perplexus (Empidonax), see *E. difficilis*.
 — (*Phylloscopus*), see *Phylloscopus*.
Perry, George Lewis.
 Seaside sparrow at Revere, Massachu-setts, '33, 121-122.
persa (Tauraco), see Tauraco.
 — (*Turacus*), see Tauraco.
Persia.
 Paludan, K., '39, 205 (rev.).
persica (Oenanthe), see Oenanthe.
persola (Pitta), see Pitta.
personata (Agapornis), see Agapornis.
 — (*Poephila*), see Poephila.
 — (*Prosopeia*), see Prosopeia.
 — (*Pyrhulopsis*), see Prosopeia.
 — (*Tityra*), see Tityra.
perspicax (Penelope), see Penelope.
perspicillata (Melanitta), see Melanitta.
 — (*Pulsatrix*), see Pulsatrix.
 — (*Streptopelia*), see Streptopelia.
 — (*Terpsiphone*), see Terpsiphone.
perspicillatus (Phalacrocorax), see Phala-crocorax.
pertinax (Myiochanes), see Myiochanes.
Peru.
 Amadon, D., '40, 257.
 Berlioz, J., '38, 568 (rev.).
 Bond, J., and de Schauensee, R. M., '40, 269 (rev.).
 Carriker, M. A., Jr., '31, 122, 148-149 (rev.), '34, 497-499, '35, 213 (rev.), '36, 323.
 Morrison, A., '39, 205 (rev.), 357 (rev.), '40, 129 (rev.), 130 (rev.).
 Zimmer, J. T., '31, 294 (rev.), '32, 133 (rev.), 503 (rev.), '33, 250 (rev.), 460 (rev.), '34, 419 (rev.), '35, 216 (rev.), 480 (rev.), '36, 471 (rev.), '37, 230 (rev.), '38, 312 (rev.), '39, 110 (rev.), '40, 277-278 (rev.), 595 (rev.).
peruana (Monasa), see Monasa.
 — (*Pipramorpha*), see Pipramorpha.
peruvia (Diomedella), see Diomedella.
peruviana (Fulica), see Fulica.
 — (*Hylophylax*), see Hylophylax.
peruvianus (Coriphilus), see Coriphilus.
 — (*Cyanocompsa*), see Cyanocompsa.
pesqueti (Pittrichas), see *P. fulgidus*.
petasodes (Sylvia), see *Wilsonia pusilla*.
petechia (Dendroica), see Dendroica.
Peterkin, Frederick Pembroke.
 Shorebird migration in Barbados, '34, 233.

- The ruff (*Philomachus pugnax*) in Barbados, '35, 185.
Peters, Harold Seymour.
 Abert's towhee, a new bird for Texas, '31, 274-275.
 Second record of golden plover in Alabama, '36, 441.
 Pintail nesting in New Brunswick, '39, 471.
 Black terns in New Brunswick, '39, 476.
 Young great white heron and Würde-mann's heron in the same nest, '40, 105.
 Black ducks nesting in tree holes, '40, 106-107.
 The winnowing note of Wilson's snipe, '40, 111.
 Pintail increasing as nesting bird in New Brunswick (rev.), '40, 437.
 European cormorants nesting in Nova Scotia (rev.), '40, 437.
Peters, James Lee.
 A review of the races of *Picus lineatus* Linné (rev.), '31, 149.
 Additional notes on the birds of the Almirante Bay region of Panama (rev.), '31, 306.
 Notes on some night herons (rev.), '31, 306.
 Remarks on the hawks hitherto in-cluded in the genus *Ibycter* (rev.), '31, 306.
 [Notice of his 'Check-list of the birds of the world'], '31, 332.
 An account of the yellow-green vireo (*Vireosylva flavovirides* Cassin), '31, 575-587.
 Check-list of birds of the world (rev.), vol. 1, '32, 112-114; vol. 2, '34, 540-541; vol. 3, '37, 550-551; vol. 4, '40, 581-582.
 A new genus for *Rallus poecilopectera*, '32, 347-348.
Laterallus Gray antedates *Creciscus* Cabanis (rev.), '33, 142.
 Two new genera and a new subspecies of rails (rev.), '33, 249.
 Outram Bangs, 1863-1933, '33, 265-274.
 The Martinique form of the ground dove, '34, 517-518.
 The classification of some American pigeons (rev.), '35, 122.
 Remarks on the avian genus *Eos* (rev.), '35, 342.
 A new hawk of the genus *Geranospiza* (rev.), '35, 342.
 The range of *Amazona oratrix*, '35, 449-450.

- Short-billed gull in Massachusetts, '37, 205.
 see Hellmayr, C. E., 'Catalogue of birds of the Americas, part 9' (rev.), '37, 212-213.
 [Obituary of] Thomas Edward Penard, '37, 232-234.
 A new genus for *Pseudopteryx solomonensis* Hartert (rev.), '37, 566.
 Systematic position of the genus *Ciccaba* Wagler, '38, 179-186.
 see Oberholser, H. C., 'The bird life of Louisiana' (rev.), '39, 91-92.
 A genus for *Eupetes caeruleus* Temminck, '40, 94.
 see Hellmayr, C. E., 'Catalogue of birds of the Americas, part 11' (rev.), '40, 120.
- Peters, J. L., and Griscom, L.**
 Geographical variation in the Savannah sparrow (rev.), '38, 578-579.
- Peters, J. L., and Hagar, J. A.**
 A second North American specimen of the bar-tailed godwit, '37, 537-538.
- Peters, J. L., and Loveridge, A.**
 New birds from Kenya Colony (rev.), '35, 342.
 Scientific results of an expedition to rain forest regions in eastern Africa (rev.), '36, 240.
- Peters, J. L., and Moore, R. T.**
 see Moore and Peters.
- petersi** (Ceophloeus), see Ceophloeus.
- (Pitta), see Pitta.
- (Xenodacnis), see Xenodacnis.
- Peterson, Mrs. Charles Emil.**
 Arctic towhee at Madison, Minn., '35, 95.
- Peterson, Nels Theodore, and Peterson, Mrs. Nels Theodore.**
 Smith's and McCown's longspurs seen in Minnesota, '36, 342.
- Peterson, Roger Tory.**
 A field guide to the birds giving field marks of all species found in eastern North America (rev.), '34, 407-408.
 A field guide to the birds giving field marks of all species found east of the Rockies (rev.), '39, 348-349.
 The junior book of birds (rev.), '39, 350.
- Peterson, R. T., and Allen, R. P.**
 see Allen and Peterson.
- Petrel, Antarctic**, see *Thalassoica antarctica*.
Bermuda, see *Pterodroma cahow*.
Black, see *Oceanodroma melania*.
Black-capped, see *Pterodroma hasitata*.
Bulwer's, see *Bulweria bulweri*.
Fork-tailed, see *Oceanodroma furcata*.
Fulmar, see *Fulmarus glacialis*.
- Giant*, see *Macronectes giganteus*.
Gray-backed Storm, see *Garrodia nereis*.
Leach's, see *Oceanodroma leucorhoa*.
Madeira, see *Oceanodroma castro*.
Norfolk Island, see *Pterodroma solandri*.
Pintado, see *Daption capense*.
Snow, see *Pagodroma nivea*.
South Atlantic White-fringed Storm, see *Fregetta aquarea*.
Storm, see *Hydrobates pelagicus*.
Trinidad, see *Pterodroma arminjoniana*.
White-bellied, see *Fregetta tropica*.
White-breasted, see *Pterodroma leucopetra*.
White-chinned, see *Procellaria aequinoctialis*.
White-faced Storm, see *Pelagodroma marina*.
Wilson's, see *Oceanites oceanicus*.
- Petrochelidon albifrons** (*Northern Cliff Swallow, Eastern Cliff Swallow, Cliff Swallow, ^blunifrons, ^cpyrrhonota), *Calif.* '35, 429^b; '38, 302^a; *C. R.* '33, 300; *N. H.* '34, 391^b; '36, 94^b; *N. Y.* '31, 279^a; '38, 539; *N. C.* '32, 104^b; *O.* '31, 370, 377^a; *Pa.* '31, 63, '36, 84; *Que.* corr. '31, 245^a; *Tenn.* '36, 473^a; *V. I.* '38, 131; *Va.* '33, 439; *Wash.* '36, 12^b, 13^a, 185^a.—*behav.* '38, 539; *dist.* '35, 429^b; *hbl.* '31, 63, '38, 302^a; *nest.* '36, 84, 94^b; *paras.* '40, 276^a; *tax.* '36, 103^c; *temp.* '38, 156^a; *misc.* '36, 355^a, '40, 80^a.
cavicola (Cuban Cliff Swallow, ^bcoronata), *nomen.* '36, 103, 103^b.
citata, *Yuc.* '39, 208.
fulva (West Indian Cliff Swallow), *tax.* '39, 208.
melanogaster (*Mexican Cliff Swallow, Cliff Swallow), *Mex.* '35, 424^a.
minima, *Mex.* '39, 208.
nigricans, *misc.* '36, 363.
tachina (Lesser Cliff Swallow), *Pan.* '35, 326.
- Petroica enderbyi** (^bMyiomoira), *Enderby I.* '31, 313^b.
toitoti (North Island Tit, ^bMyiomoira), *N. Z.* '34, 491.—*misc.* '31, 156^b.
- Petromys marjoriae**, *Kalahari*, '36, 131.
 —*descr.* '36, 131.
- Petronia jyekundensis**, *Tibet*, '38, 580.
- Petrophila tenuis**, *Kenya*, '31, 150.
- petrophilus** (Falco), see Falco.
- Pettingill, Olin Sewall, Jr.**
Ducks in chimneys, '35, 303.
Breeding behavior of bluebirds, '36, 86-87.

The American woodcock (*Philohela minor* (Gmelin)) (rev.), '36, 352-353.
 Behavior of black skimmers at Cardwell Island, Virginia, '37, 237-244.
 The New Hampshire hummingbirds (rev.), '38, 153-154.
 Intelligent behavior in the clapper rail, '38, 411-415.
 The Wilson Ornithological Club of today (rev.), '39, 358.
 History of one hundred nests of Arctic tern, '39, 420-428.
 A laboratory and field manual of ornithology (rev.), '39, 491.
 The bird life of the Grand Manan Archipelago (rev.), '39, 498.
 Additional information on the food of the American woodcock (rev.), '39, 498.
 Correction, '40, 259.
petulans (*Pipilo*), see *Pipilo*.
Peucedramus olivaceus (Olive Warbler, ^{barizonae}), *Mex.* '40, 235, 241.—*misc.* '36, 104^b.
Pewee, Eastern Wood, see *Myiochanes virens*.
 Western Wood, see *Myiochanes richardsoni*.
 Wood, see *Myiochanes virens*.
Pezites catamarcus, *Argent.* '38, 584.
Peropetes, *tax.* '37, 212.
Phacellodomus fargoli (Fargo's Thornbird), *Braz.* '36, 83.—*misc.* '35, 479.
striaticollis (Rufous-headed Thornbird), *Argent.* '38, 42.—*cowbird* host, '38, 41-43.
Phaenicophilus tetraopes, *Haiti*, '32, 36*; *San Domingo*, '34, 271.—*descr.*, *meas.*, '32, 36.
Phaenonetta, *tax.* '36, 475.
phaenotus (*Junco*), see *Junco*.
Phaeoprogne tapera, *Argent.* '38, 43, 407.—*cowbird* host, '38, 43; *mig.* '38, 407.
Phaeopus, *tax.* '34, 540, '39, 334.
borealis (*Eskimo Curlew, *Prairie Pigeon*, ^{Numenius}), *Argent.* '39, 475-476; *Braz.* '39, 154; *Mass.* '39, 154; *Neb.* '39, 154; *N. Y.* '33, 101^b; '39, 154; *S. Am.* '40, 426*; *Wisc.* '39, 154, '40, 566-567.—*field* marks, '33, 214*; *fd.* '39, 138*, 154; *hbt.* '31, 183*; *meas.* '40, 567; *mig.* '39, 154; *status*, '39, 212-213*, 218*, '40, 134*, 279*; *misc.* '36, 241*, 443*.
hudsonicus (*Hudsonian Curlew, ^{Numenius}), *Ala.* '31, 595^b; '33, 234; *Antigua*, '34, 359; *Chile*, '36, 171*; *Ecuador*, '36, 172*; *Fla.* '31, 249, '32, 237; *Ill.* '33, 372; *Man.* '35, 204; *N. J.* '31, 419*, 421^b, 422*, '32, 470-474; *N. C.*

'34, 94*, '37, 453; *Okl.* '38, 274; *Pan.* '35, 326^b; *Pa.* '32, 234; *S. Am.* '40, 426*; *S. C.* '31, 261^b; *Tex.* '38, 66, 133; *Wash.* '38, 276*; *W. Va.* '34, 231; *Wisc.* '40, 567.—*flight*, '33, 314*; *hbt.* '31, 182-184*; *meas.* '40, 567; *mig.* '38, 66; *plm.* '39, 333*; *tax.* '34, 540^b; *wt. of egg*, '35, 204.
phaeopus (Whimbrel), *misc.* '39, 333.
variegatus (^{Numenius}), *Alas.* '39, 333-334^b.
phaeopus (*Phaeopus*), see *Phaeopus*.
phaeopygos (*Chaetura*), see *Chaetura*.
phaeopygus (*Turdus*), see *Turdus*.
Phaeotriccus hudsoni, *Braz.* '35, 110.
Phaethon, *anat.* '37, 228.
aethereus (Red-billed Tropic-bird, ^{bmesonauta}), *Antigua*, '34, 355^b; *V. I.* '38, 553^b.
catesbyi (*Yellow-billed Tropic-bird, ^{bLeptophaethon}), *Bermuda*, '35, 442^b; *Conn.* '39, 177*; *Mass.* '39, 177*, 179*; *N. H.* '39, 179*; *N. C.* '38, 130; *Vi.* '39, 176, 177*, 179*; *V. I.* '38, 553.—*hbt.* '35, 442^b.
dorotheae (*White-tailed Tropicbird), *Australia*, '39, 102*.
lepturus, *hbt.* '40, 177.
rubricauda subsp., *misc.* '37, 148.
Phaethornis insignis, *S. Am.* '38, 309.
mexicanus, *Mex.* '37, 193.
rufus, *flight*, '33, 149.
supercilliosus, *misc.* '35, 124.
Phainopepla lepida (*Phainopepla, ^{bnitens}), *hbt.* '31, 64^b; *misc.* '36, 118*.
nitens, *Tex.* '38, 157.—*mlt.* '33, 249.
Phainopepla, see *Phainopepla lepida*.
Phalacrocoracidae, *eye*, '38, 237; *ost.* '35, 360, 361.
Phalacrocorax albociliatus (Farallon Cormorant), *Mex.* '35, 251.
aristotelis (European Shag, ^{bgraculus}), *Atlantic*, '32, 188^b—*paras.* '37, 505.
auritus (*Double-crested Cormorant, ^{bdiolophus}), *Atlantic*, '32, 188; *Colo.* '37, 524; *Conn.* '33, 444; *Del.* '38, 271; *Ill.* '31, 593, '32, 79^b; *Ind.* '35, 74; *Ia.* '34, 509; *Me.* '31, 591, '35, 337*, '36, 202-203, '37, 213, '38, 550; *Mass.* '31, 565; *Mich.* '37, 381; *Minn.* '40, 412*; *N. H.* '40, 435*; *N. J.* '37, 548; *N. Y.* '32, 457, '33, 434, '34, 532; *N. C.* '34, 396, '35, 318; *O.* '31, 373, 376*, '33, 234; *Ont.* '37, 381; *Pa.* '32, 233, '33, 230, '35, 300-301; *Que.* '37, 17; *S. C.* '31, 280; *Tenn.* '37, 423*; *Tex.* '38, 63; *Utah*, '36, 289-294, 360*; *Va.* '34, 78; *W. Va.* '38, 129.—*dist.* '31, 207-214, 591; *fd.* '35, 337*, '37, 213-214; *fos.* '35, 75; *hbt.* '36, 202-203, '37, 213, 214, 525;

- nest, '34, 509, '35, 75, '36, 290^a; misc. '40, 436.
- carbo** (*European Cormorant, Common Cormorant, Cormorant), *Atlantic*, '32, 188; *Ga.* '31, 279; *Germ.* '39, 346^a; *Me.* '38, 550; *N. B.* '39, 287^a; *N. J.* '32, 77, 341; *N. Y.* '34, 247; *N. Z.* '34, 490; *Que.* '31, 207, '37, 17.—egg, '40, 56^a; *incub.* '40, 56^a, 57^a; *misc.* '40, 78.
- carunculatus** (King Shag), *Australia*, '33, 463.
- floridanus** (*Florida Cormorant), *N. C.* '37, 452, '40, 423^a; *Tex.* '33, 61; *Va.* '34, 78.—*protec.* '39, 217^a.
- gaimardi** (bPoikilocarbo), *tax.* '36, 117^b.
- georgianus**, *misc.* '35, 360.
- idahensis**, *fos.* '35, 75.
- lugubris**, *paras.* '37, 505.
- macropus**, *fos.* '35, 75.
- olivaceus** (Brazilian Cormorant), *S. Am.* '36, 235; *Venez.* '35, 329.
- pelagicus** (*Pelagic Cormorant, Violet-green Cormorant), *misc.* '39, 152^a.
- perspicillatus** (Pallas's Cormorant), *specimen*, '36, 250.
- punctatus** (Spotted Cormorant), *misc.* '37, 148.
- rogersi**, *Calif., fos.*, '32, 386.
- sinensis**, *Alas.* '35, 113.—*misc.* '31, 316.
- traversi** (Macquarie Island Shag), *nomen*, '37, 416.
- varius** (Pied Cormorant), *N. Z.* '34, 490.
- phalaena** (Falco), see Falco.
- Phalaenoptilus nuttalli** (Nuttall's Poorwill), *Ariz.* '39, 322; *Nev.* '35, 467.—*eye, note*, '35, 467.
- phalara** (Dendroplex), see Dendroplex.
- Phalarope**, Northern, see Lobipes lobatus.
- Red, see Phalaropus fulicarius.
- Red-necked, see Lobipes lobatus.
- Wilson's, see Steganopus tricolor.
- Phalaropodidae**, *eye*, '38, 238.
- Phalaropus fulicarius** (*Red Phalarope, ^bCrymophilus, *jourdaini), *Alas.* '40, 86; *Argent.* '39, 358^a; *Baf. I.* '40, 14^a, 20^a; *Calif.* '38, 171^a; *Greenl.* '33, 135^a; *Ida.* '35, 180; *Ky.* '40, 111; *Labr.* '37, 26; *Me.* '38, 551; *Mass.* '34, 81^a, '39, 185; *Mich.* '38, 89, 93, 528–529; *N. J.* '31, 597, '32, 349^b, 470–474^a, 475^b; *N. Y.* '34, 398, '38, 528, '39, 179^a, 208; *N. Z.* '36, 459^a; *O.* '35, 321, '38, 89–93; *Ont.* '38, 90, 93; *Pa.* '33, 230; *Que.* '37, 26; *S. C.* '34, 374; *Va.* '33, 196, '39, 177; *Wisc.* '36, 212.—*dist.* '39, 495^a; *egg*, '40, 57^a; *fd.* '38, 529; *hbt.* '40, 86; *incub.* '40, 57^a, 58^a; *meas.* '37, 26–27; *mig.* '38, 93, '39, 185; *paras.* '37, 41; *plm.* '37, 26; *wt.* '37, 26–27; *misc.* '35, 122^a, 482^a.
- Phapitreron**, *P. I.* '36, 469.
- celestinoi**, *P. I.* '36, 469.
- leucotis** (Northern White-eared Pigeon), *P. I.* '38, 209.—*hbt., nid.*, '38, 209.
- mindanaensis**, *P. I.* '36, 469.
- Phaps chalcoptera** (*Bronze-winged Dove), *aviary, behav.*, '37, 417^a.
- Pharomacrus mocinno** (*Magnificent Trogon, Quetzal), *avic.* '38, 310^a; *plm.* '39, 493^a; *misc.* '33, 86.
- viridiceps**, *Braz.* '37, 562.
- phasianellus** (Dromococcyx), see Dromococcyx.
- (Pediocetes), see Pediocetes.
- Phasianidae**, *charac.* '37, 219; *eye*, '38, 231, 238; *paras.* '30, 517.
- Phasianus**, *fos.* '37, 407.
- colchicus**, *N. Z.* '34, 491.
- pallasi** (*Manchurian Pheasant, Amur Ring-necked Pheasant), *Manchuria*, '40, 435^a.—*avic.* '34, 123^a; *fd.* '40, 435^a.
- tenebrosus**, *misc.* '33, 256.
- torquatus** (*Ring-necked Pheasant), *Afr.* '38, 145^a; *Colo.* '38, 572^a; *Ia.* '38, 148^a, '39, 36, 353^a; *Mo.* '38, 142^a; *Neb.* '31, 151^a; *N. H.* '32, 464^a, '35, 307, '38, 296^a; *N. Y.* '35, 434^a, '40, 566; *N. Z.* '34, 491; *O.* '31, 375, 377^a, '35, 184; *Ont.* '39, 18; *Pa.* '38, 304^a, 658; *Va.* '33, 195; *Wash.* '39, 483^a.—*alb.* '35, 184, 307; *disease*, '39, 208^a; *endurance*, '39, 354^a; *eye*, '38, 241^a, 242^a; *fd.* '31, 151^a, '38, 461^a, '39, 483^a, '40, 566; *hbt.* '32, 464^a, '37, 407^a, '39, 268; *juv. mort.* '38, 147–148; *paras.* '40, 270^a; *wt.* '36, 78–79, '38, 517; *wing area*, '38, 512^a, 517; *misc.* '36, 243^a.
- phayeri** (Francolinus), see F. phayeri.
- phayrei** (Francolinus), see Francolinus.
- Pheasant**, Amur Ring-necked, see Phasianus pallasi.
- Blue-eared, see Crossoptilon auritum.
- Chinese Impeyan, see Lophophorus lhuysii.
- Glittering Copper, see Syrmaticus scintillans.
- Golden, see Chrysolophus pictus.
- Manchurian, see Phasianus pallasi.
- Reeves's, see Syrmaticus reevesi.
- Ring-necked, see Phasianus torquatus.
- Tibetan Blood, see Ithaginis tibetanus.
- Phelps**, William H.
- The geographical status of the birds collected at Mount Roraima (rev.), '39, 358.
- phelpsi** (Grallaria), see Grallaria.
- (Oxyruncus), see Oxyruncus.

- Pherocraspedon** (^bMathewsiella), *nomen*. '32, 510, 510^b.
- Pheucticus aureo-ventris**, *Parag.* '37, 406.
dilutus, *Mex.* '35, 208.
- Pheugopedius**, *tax.* '35, 105.
albigularis (Black-billed Wren), *C. Z.* '36, 471.
hyperythrus (*Tawny-bellied Wren), *C. R.* '40, 308; *Pan.* '33, 305, '40, 308.—*hbt., nid.,* '40, 308-309; *song,* '40, 295, 296^a, 308, 310^a.
intensus, *Venez.* '32, 384.
interior, *Colom.* '32, 384.
maculipectus (*Spotted-breasted Wren), *Guat., Hond.,* '40, 309.—*hbt.* '40, 309; *nest,* '40, 293^a, 309; *pl.* '40, 293^a.
oblitus, *Sal.* '35, 208.
pallidus (Durango Wren), *hbt.* '31, 65.
sonorae, *Mex.* '31, 307.
umbrinus, *Hond.* '36, 192.—*colors,* '36, 192.
- Philacte**, '37, 565.
canagica (Emperor Goose), *Alas.* '39, 143.—*fd.* '39, 143-146.
- philadelphia* (Larus), see *Larus*.
 — (Oporornis), see *Oporornis*.
philadelphicus (Vireo), see *Vireo*.
- Philby**, Harry St. John Bridge, and Bates, G. L.
 see Bates and Philby.
philbyi (Alectoris), see *Alectoris*.
 — (Calandrella), see *Calandrella*.
 — (Serinus), see *Serinus*.
- Philemon citreogularis**, *misc.* '39, 357.
- Philetaerus socialis** (Sociable Weaverbird), *misc.* '35, 259.
- Philipp**, Frederick Bernard.
 Nesting of the Nevada Savannah sparrow in Bottineau County, North Dakota, '36, 222.
- philippensis* (Colymbus), see *Colymbus*.
 — (Gallus), see *Gallus*.
 — (Mirafra), see *Mirafra*.
 — (Pernis), see *Pernis*.
 — (Polioccephalus), see *Colymbus*.
 — (Rallus), see *Rallus*.
- Philippi**, Rudolph (Rodolfo) Amandus.
Aves de Arica y alrededores (extremo norte de Chile) (rev.), '37, 225-226.
- Philippine Islands**.
 Davidson, M. E. McL., '34, 338-342.
 Hachisuka, Marquess, '31, 454 (rev.), '33, 240 (rev.), '35, 211 (rev.), '36, 108 (rev.), '40, 433 (rev.).
 Manuel, C. G., '38, 304-305 (rev.).
 Mayr, E., '39, 497 (rev.).
 Salomonsen, F., '38, 307 (rev.).
 Wolfe, L. R., '38, 198-224.

- philippinensis* (Bubo), see *Bubo*.
philippinus (Corvus), see *Corvus*.
 — (Merops), see *Merops*.
- Phillips**, Alexander Hamilton, 1866-1939. Obituary, '40, 148.
- Phillips**, Allan Robert.
 Clay-colored sparrow in New York, '35, 315.
 The type of *Empidonax wrightii* Baird, '39, 311-312.
 Two new breeding birds for the United States, '40, 117-118.
 Correction, '40, 258.
- Phillips**, A. R., and Amadon, D.
 see Amadon and Phillips.
- Phillips**, Charles Lincoln.
 The clay-colored sparrow in Florida, '33, 225.
 The red phalarope at Martha's Vineyard Island, Mass., '34, 81.
- Phillips**, John Charles, 1876-1938.
 Naturalists, nature lovers, and sportsmen, '31, 40-46.
 American game mammals and birds. A catalogue of books, 1582-1925. Sport, natural history, and conservation (rev.), '31, 138-139.
 Eastern and western bred waterfowl at Wenham, Massachusetts, in the past thirty years, '32, 440-444.
 Fluctuation in numbers of the eastern brant goose, '32, 445-453.
 Northern New England woodcock, '32, 466-467.
 John Eliot Thayer, 1862-1933, '34, 46-51.
 A sportsman's second scrapbook (rev.), '34, 108-109.
 Man's influence on ruffed grouse populations (rev.), '38, 154.
 Obituary, '39, 111, '40, 148.
 In memoriam, '39, 221-226, por.
 Changes in status of Essex County birds (rev.), '39, 498.
- Phillips**, J. C., and Hill, L. W.
 Classics of the American shooting field. A mixed bag for the kindly sportsman, 1783-1926 (rev.), '31, 140-141.
- Phillips**, J. C., and Lincoln, F. C.
 American waterfowl. Their present situation and the outlook for their future (rev.), '31, 139-140.
- Phillips**, Montagu Austin, —-1939.
 Obituary, '40, 148.
- Phillips**, Paul.
 Dusky grouse in the Chuska Mountains of northeastern Arizona and northwestern New Mexico, '37, 203-204.
- phillipsi* (Turdus), see *Turdus*.

Philohela minor (*American Woodcock, Woodcock), *Acadia*, '39, 288^a, '40, 80^a; *Colo.* '37, 526; *Conn.* '39, 11^a; *Fla.* '36, 479^a; *Ia.* '35, 84^a; *Kans.* '34, 255; *La.* '40, 409; *Me.* '32, 466^a; *N. B.* '35, 195; *N. J.* '31, 419^a, 422^a; '32, 470-474^a; '36, 353, 394^a, 395^a; *O.* '31, 368, '37, 397^a; *Ont.* '38, 671; *S. C.* '36, 312; *Va.* '33, 170^a; *W. Va.* '35, 307-308, '38, 128.—*census*, '32, 466^a; *destr.* '40, 409; *egg*, '40, 56^a; *fig.* '34, 298; *flight*, '33, 236^a, 452^a; *fd.* '35, 446-447, '39, 498^a, '40, 409; *hbt.* '31, 182^a, '35, 307-308, 410, '36, 126^a, 352-353, 479^a; *hist.* '34, 297-301; *incub.* '40, 56^a, 58^a; *life hist.* '33, 170-173^a, '36, 352-353; *note*, '40, 598^a; *pl.* '33, 170^a, 172^a; *plm.* '39, 482; *protec.* '40, 596^a; *voice*, '36, 352; *wt.* '36, 329, '38, 516; *wing area*, '38, 516; *misc.* '33, 236^a, '35, 208^a, '36, 359^a, '37, 5^a, 217^a, '38, 140^a, '39, 223^a, '40, 125^a, 595^a.

Philomachus, *nomen*, '31, 639.

pugnax (*Ruff), *Barbados*, '35, 495; *Mass.* '35, 184; *N. J.* '33, 101; *N. Y.* '32, 469; *N. Am.* '32, 468-470; *Nor.* '37, 108^a; *N. S.* '32, 469, '38, 549; *Switz.* '40, 125; *Va.* '33, 195; *W. I.* '35, 185, '36, 80.—*hbt.* '37, 108^a, '39, 265^a; *nid.* '40, 125; *physiol.* '40, 261^a; *plm.* '38, 581; *misc.* '32, 132^a.

philomelos (Arceuthornis), see Arceuthornis.

— (Turdus), see Arceuthornis.

Philydor, *Peru*, '35, 480.

atricapillus, *Bras.* '33, 323.

diluvialis, *Bras.* '37, 562.

lichtensteini, *Bras.* '33, 323.

Phloeocastres dorsofasciatus, *Mex.* '35, 342.

Phloeocryptes juninensis, *Peru*, '32, 254.

melanops, *nest*, '34, 124.

Phlogothraupis sanguinolenta, *Hond.* '36, 193.—*colors*, '36, 193.

Phoebastria reischekia, *N. Z.* '31, 313.

Phoebe, see Sayornis phoebe.

Black, see Sayornis nigricans.

Eastern, see Sayornis phoebe.

Say's, see Sayornis saya.

phoebe (Sayornis), see Sayornis.

Phoebetria auduboni (*American Sooty Albatross, ^bfusca), *misc.* '31, 106^a, '37, 148^b.

fusca (Sooty Albatross, ^bDiomedea), *Ore.* '34, 225-226^b.

palpebrata (Light-mantled Sooty Albatross), *Antarctic*, '37, 149.—*misc.* '37, 148.

phoeniceum (Trochalopecton), see Trochalopecton.

phoeniceus (Agelaius), see Agelaius.

Phoenicopter, '39, 345.

Phoenicopter chilensis (Chilean Flamingo), *Argent.* '37, 221.—*nid.* '37, 221.

roseus (*Flamingo, Greater Flamingo, ^bantiquorum, ^cantiquus, ^dmajor), *Fr.* '39, 105^a, 109^a; *Mallorca I.* '37, 223^a.—*fd.* '32, 512^a; *mig.* '39, 109^a; *nomen*, '34, 120; *syn.* '34, 120^{bd}.

ruber (*Flamingo, Ruddy Flamingo), *Antigua*, '32, 356; *Dom. Rep.* '34, 501; *Fla.* '33, 207^a, '37, 99 (2), 531-532; '39, 181, 330^a, '40, 132^a; *P. R.* '38, 53, 667.—*avic.* '40, 276; *hbt.* '37, 99; *nid.* '38, 475^a; *misc.* '36, 19^a, '37, 148.

Phoenicotheraps, see Habia.

Phoenicurus gibraltensis, *Morocco*, '38, 150.—*mig.* '32, 514.

ochrurus (Black Redstart), *Arabia*, '37, 108.

phoenicurus (*Redstart), *age*, '37, 226^a; *fd.* '40, 520; *hbt.* '39, 361; *mig.* '32, 514, '38, 154-155^a, '40, 131^a; *wt.* '38, 431.

phoenicurus (Attila), see Attila.

Phoethornis nelsoni (Dusky Hermit), *Pan.* '35, 327.

Phonygammus keraudrenii, *egg*, '31, 312; *hbt.* '31, 312, '38, 138.

Phrygilus, *tax.* '34, 114.

Phyllastrephus tenuirostris, *Afr.* '40, 319.—*fledg.* '40, 319.

vincenti, *Afr.* '40, 432.

Phyllergates hedymeles, *Celebes*, '32, 391.

Phylloscartes flavovirens, *Pan.* '33, 305.

Phylloscopus, *Germ.* '37, 552; *G. Br.* '39, 196.—*tax.* '40, 429.

bonelli, *hbt.* '35, 350; *misc.* '34, 560, '35, 486.

collybita (*Chiffchaff), *behav.* '40, 174^a, 177; *hbt.* '39, 108-109, '40, 256^a; *nest destr.* '39, 207; *note*, '37, 413^a; *wt. of heart*, '38, 310; *misc.* '36, 476.

henrietta, *Halmahera*, '32, 265.

lorenzi, *syst.* '34, 560.

ludlowi, *India*, '32, 510.

minor (Chiffchaff), *Jerusalem*, '33, 182.

perplexus, *China*, '34, 274.

sibilatrix, *Germ.* '38, 308.—*hbt.* '35, 125, '40, 177; *misc.* '35, 486.

trochilus (*Willow Warbler), *alb.* '38, 308; *hbt.* '40, 256^a; *mig.* '39, 206^a.

viridanus, *biol.* '32, 514.

Phytotoma, *Guira host*, '40, 213, 482.

rara, *misc.* '36, 476.

rutila, *Guira host*, '40, 484.

Piaya extima, *Sal.* '31, 307.

macroura, *misc.* '35, 214.

mogenseni, *misc.* '35, 214.

stirtoni, *Sal.* '31, 307.

Pica, *dist.* '38, 143; *eye*, '38, 236; *forms*, '38, 143; *hbt.* '40, 176.

- bactriana** (*Caucasian Magpie), *Caucasus*, '40, 126^a.
bottanensis, *Asia*, '38, 143.
hudsonia (*American Magpie, Black-billed Magpie, Magpie, *hudsonica*), *Calif.* '38, 171^b; *Fla.* '34, 525; *Ill.* '37, 393; *Ia.* '40, 441^a; *Mich.* '31, 617; *Mo.* '37, 393; *Mont.* '34, 538^a; *N. J.* '34, 525; *O.* '37, 540; *Ont.* '38, 581^a; *S. C.* '34, 524; *Wisc.* '35, 90.—*dist.* '38, 143^a; *mig.* '40, 441^a; *nest.* '31, 604; *tax.* '31, 271; *wt.* '37, 540; *misc.* '31, 544^a, '40, 440^a.
nuttalli (Yellow-billed Magpie), *dist.* '38, 143; *tax.* '31, 271, '35, 105.
pica (*Magpie), *Fr.* '34, 276; *Scotl.* '38, 691^a.—*flight*, '33, 315^a; *fd.* '34, 417, '40, 520; *hbt.* '38, 101, 102^a, 103^a; *rac.* '38, 143; *tax.* '40, 590.
pica (Fluvicola), see *Fluvicola*.
 — (*Pica*), see *Pica*.
Picathartes, *Afr.* '38, 694.—*tax.* '38, 694.
Picathartinae, *tax.* '38, 694.
picatus (Hemipus), see *Hemipus*.
Pici, *ost.* '35, 360; *misc.* '39, 345.
Picidae, *anat.* '37, 229; *hbt.* '40, 176; *misc.* '36, 166, '37, 403.
Piciformes, *eye.* '38, 230, 239, 241; *hbt.* '40, 176; *incub.* '40, 59; *life hist.* '39, 489–490; *paras.* '37, 506.
picinus (Ceophloeus), see *Ceophloeus*.
Pickens, Andrew Lee.
 Letters concerning Wallace, Newton and Tristram, '34, 404–406.
 Intergradations of life zones and subspecies in the southern piedmont, '34, 536–537.
 Evening drill of chimney swifts during the late summer, '35, 149–153.
 [Obituary of] Nathaniel Gist Gee, '39, 111.
Pickens, A. L., and **Garrison**, L. P.
 Two-year record of the ruby-throats visits to a garden, '31, 532–537.
Pickens, A. L., and **Pickens**, Belle M.
 Some early American bird lore, '34, 535–536.
Pickwell, Gayle Benjamin.
 The prairie horned lark (rev.), '32, 247–248.
 Natural history pictures (rev.), '35, 338–339.
Pickwell, G. B., and **Smith**, Emily.
 The Texas nighthawk in its summer home (rev.), '39, 107.
Picoides alpinus, *Germ.* '36, 122.
arcticus (*Arctic Three-toed Woodpecker), *Ill.* '33, 372; *Mass.* '34, 246; *Mich.* '35, 100; *N. Y.* '33, 228, '37, 102, '39, 84–85; *Ont.* '36, 87^a.—*note*, '37, 102; *misc.* '33, 86.
bacatus (American Three-toed Woodpecker), *Labr.* '37, 36; *Mass.* '34, 391; *N. Y.* '39, 84–85.—*meas.* '37, 36; *wt.* '37, 36.
tridactylus (*Three-toed Woodpecker), *Germ.* '39, 346^a.
picta (Setophaga), see *Setophaga*.
pictus (Aramus), see *Aramus*.
 — (*Calcarius*), see *Calcarius*.
 — (*Chrysolophus*), see *Chrysolophus*.
Piculus guianensis, *S. Am.* '38, 309.
hypochryseus, *S. Am.* '38, 309.
laemostictus, *S. Am.* '38, 309.
Picumnus arileucus, *Bras.* '32, 257.
grandis, *Peru*, '31, 149.
pusillus, *Bras.* '36, 358.
Picus canus, *forms.* '40, 550–560; *mlt.* '40, 550; *syst.* '32, 515.
dedemi, *Sumatra*, '40, 559–560.—*plm.* '40, 560; *tax.* '40, 552.
griseoviridis (*Gecin*), *Corea*, '40, 553.—*meas.* '40, 560; *nomen.* '40, 553^b; *plm.* '40, 554; *syn.* '40, 557–558.
guerin (*Chloropicus*), *China*, '40, 554.—*intergrad.* '40, 554, 555; *meas.* '40, 560; *plm.* '40, 554–557; *syn.* '40, 554^b; *tax.* '40, 552.
gyldenstolpei, *Assam*, '40, 558.—*meas.* '40, 560; *plm.* '40, 555, 557, 559; *syn.* '40, 558.
hessei (*microrhynchus*), *Siam*, '40, 557–558.—*charac.* '40, 558; *intergrad.* '40, 552; *meas.* '40, 558, 560; *plm.* '40, 555, 559; *syn.* '40, 558^b.
jessoensis (*perpallidus*), *Sib.* '40, 553.—*dist.* '40, 553; *meas.* '40, 560; *syn.* '40, 553^b, 554.
kogo, *Tibet*, '40, 557.—*meas.* '40, 552, 560; *plm.* '40, 556; *tax.* '40, 552.
martius (*Black Woodpecker), *misc.* '36, 123^a.
ricketti, *China*, '40, 554.—*meas.* '40, 560; *plm.* '40, 554; *tax.* '40, 552.
robinsoni, *Malaya*, '40, 559.—*plm.* '40, 559.
sanguiniceps (*barbatus*, *occipitalis*), *Himalayas*, *Nipal*, '40, 559.—*meas.* '40, 552, 560; *plm.* '40, 559; *syn.* '40, 559^b.
setschuanus (*byunnanensis*, *jacobsi*, *Gecin*), *China*, '40, 554–556.—*intergrad.* '40, 555; *meas.* '40, 555, 560; *nomen.* '40, 554^a, 555^b; *plm.* '40, 552–557.
sordidior, *China*, '40, 556–557.—*meas.* '40, 560; *plm.* '40, 556, 557; *tax.* '40, 552; *misc.* '40, 550.
stresemanni, *China*, '33, 257, '40, 557.—*meas.* '40, 557, 560; *tax.* '40, 557.
tangolo (*hainanus*), *Formosa*, *Hainan*, '40, 559.—*meas.* '40, 559, 560; *plm.*

- '40, 559; *syn.* '40, 559^b; *tax.* '40, 552, 559.
virescens (*Green Woodpecker), *misc.* '36, 358, 364, '37, 359^a.
zimmermanni, *China*, '40, 553-554.
—meas. '40, 560; *plm.* '40, 554; *tax.* '40, 554.
- Pierce, Fred John.**
 Notes from Buchanan County, Iowa, '34, 253-254.
- Piezorhynchus alecto** (Shining Flycatcher), *misc.* '32, 138.
- Pigeon, Band-tailed, see *Columba fasciata*.
 Black-chinned Fruit, see *Leucotreron leclancheri*.
 Cape, see *Daption capense*.
 Domestic, see *Columba domestica*.
 Flock, see *Histriophaps histrionica*.
 New Zealand, see *Hemiphaga novae-seelandiae*.
 Northern White-eared, see *Phapitreron leucotis*.
 Passenger, see *Ectopistes migratorius*.
 Prairie, see *Phaeopus borealis*.
 Puerto Rican, see *Columba inornata*.
 Scaled, see *Columba squamosa*.
 Topknot, see *Lopholaimus antarcticus*.
 White-crowned, see *Columba leucocephala*.
 Wild, see *Ectopistes migratorius*.
 Wood, see *Columba palumbus*.
- Pike, Eugene Rockwell.**
 Roseate spoonbills in Florida, '31, 423-424.
 Notes on bird life in southern Florida, '31, 595-596.
 Turkey vulture (*Cathartes aura septentrionalis*) at Chicago, '33, 431.
pilaris (*Arceuthornis*), see *Arceuthornis*.
— (*Turdus*), see *Arceuthornis*.
pileatus (*Atlapetes*), see *Atlapetes*.
— (*Ceophloeus*), see *Ceophloeus*.
— (*Coryphospingus*), see *Coryphospingus*.
— (*Phloeotomus*), see *Ceophloeus*.
— (*Pilherodius*), see *Pilherodius*.
pileolata (*Wilsonia*), see *Wilsonia*.
Pilherodius pileatus, *Pan.* '33, 303.
pinchoti (*Anthraco-thorax*), see *Anthraco-thorax*.
pinetorum (*Dendrocopus*), see *Dendrocopus*.
- Pinicola alasensis** (Alaska Pine Grosbeak), *misc.* '40, 421.
californica (California Pine Grosbeak), *misc.* '40, 421.
carlottae (Queen Charlotte Pine Grosbeak), *misc.* '40, 421.
enucleator, *races*, '40, 420-421.
eschatosus (Newfoundland Pine Grosbeak), *Mich.* '35, 100; *N. F.* '36, 345; *O.* '34, 529.—*tax.* '34, 269; *wt.* '34, 530.
flammea (Kodiak Pine Grosbeak), *misc.* '40, 421.
jacoti, *Aris.* '38, 574.—*type loc.* '38, 574.
leucura (*Canadian Pine Grosbeak, Pine Grosbeak), *Conn.* '33, 442; *Mich.* '31, 126, 132, '34, 529, '35, 100; *N. Y.* '40, 406^a, 407; *O.* '34, 529; *Ont.* '39, 411-419^a; *Va.* '33, 192^a; *W. Va.* '34, 530, '39, 342.—*fluctuation*, '39, 411-419^a; *fd.* '39, 342; *hbt.* '33, 442, '40, 177; *races*, '40, 270; *tax.* '34, 269; *wt.* '34, 530, '38, 515; *wing area*, '38, 515.
montana (*Rocky Mountain Pine Grosbeak, Pine Grosbeak), *B. C.* '40, 421; *Colo.* '38, 572^a; *Wash.* '40, 420-421; *Wyo.* '40, 421.
pinicola (*Glaucidium*), see *Glaucidium*.
— (*Ridgwayia*), see *Ridgwayia*.
pinicolus (*Vireo*), see *Vireo*.
pinosus (*Junco*), see *Junco*.
— (*Megascops*), see *Otus*.
— (*Otus*), see *Otus*.
pintadeanus (*Franco-linus*), see *Franco-linus*.
 Pintail, see *Dafila tzitzihua*.
 American, see *Dafila tzitzihua*.
 Bahama, see *Dafila bahamensis*.
 Brown, see *Dafila spinicauda*.
 European, see *Dafila acuta*.
- Pinto, Oliverio M. de O.**
 Birds of Bahia (rev.), '36, 108-109.
 Contribution to the ornithology of Goyaz (rev.), '36, 356.
 Notas de ornithologia Amazonica (rev.), '36, 358.
 Nova contribuição á ornithologia Amazonica (rev.), '38, 696.
- pintoi** (*Pulsatrix*), see *Pulsatrix*.
pinus (*Dendroica*), see *Dendroica*.
— (*Spinus*), see *Spinus*.
— (*Vermivora*), see *Vermivora*.
- Pionus fuscicapillus**, *tax.* '32, 86.
menstruus, *disease*, '40, 332.
senilis, *Hond.* '36, 190.—*colors, fd.*, '36, 190.
- Piper, Stanley Edgar, and McAtee, W. L.**
 see McAtee and Piper.
- Pipile naumburgae**, *Braz.* '33, 142.
- Pipilo, nomen.** '39, 88; *misc.* '33, 86, '38, 171.
aberti (Abert's Towhee), *Aris.* '31, 63; *Tex.* '31, 274.—*hbt.* '31, 63.
alleni (*White-eyed Towhee), *Fla.* '31, 253, '36, 479^a, '40, 257.—*hbt.* '38, 479^a; *misc.* '37, 459.
arcticus (Arctic Towhee, ^bFringilla,

- ^aPyrgita, ^dbairdi), *Minn.* '35, 95; *Wyo.* '31, 63.—*hbt.* '31, 63; *syn.* '39, 88^{bed}.
canaster (Alabama Towhee), *Fla.* '40, 257; *La.* '34, 92; *N. C.* '37, 459; *Va.* '34, 394, '37, 462.—*misc.* '36, 315.
crissalis (^aCalifornia Towhee, Brown Towhee, ^bsenicula), *Calif.* '35, 429^b.—*dist.* '35, 429^b; *paras.* '39, 190^a; *song.* '38, 696^a.
eremophilus, *Calif.* '35, 480.
erythrophthalmus (^aRed-eyed Towhee, Towhee, Chewink), *Ark.* '31, 238; *Fla.* '31, 253, '40, 405^a; *Mich.* '36, 110^a; *N. C.* '32, 363, '33, 233; *O.* '31, 375, 377^a, '34, 386^a, '37, 326; *S. C.* '36, 315.—*blood.* '37, 518; *cowbird host.* '34, 386^a, '38, 46, 49; *eye.* '37, 242^a; *feather count.* '36, 164^a, 165^a, 168^a; *hbt.* '36, 126^a, '38, 217^a; *pl.* '33, 276; *wt.* '37, 326, '38, 422–423^a, 435^a, 438, 439, 515; *wing area.* '38, 512^a, 515; *misc.* '31, 544^a, '36, 222^a, '37, 459.
falcifer (San Francisco Towhee), *behav.* '39, 260, 264; *wt.* '38, 425.
gaigei, *Tex.* '38, 157.
griseipygus, *Mex.* '35, 208.
kernensis, *Calif.* '38, 302.—*type loc.* '38, 302.
leptoleucus, *La.* '39, 92.
maculatus, *misc.* '35, 423.
megalonyx (San Diego Towhee), *Calif.* '31, 63.—*hbt.* '31, 63.
montanus (^aSpurred Towhee), *Ariz.* '39, 325; *Colo.* '38, 176^a; *Mex.* '35, 423.
oregonus (Oregon Towhee, ^bFringilla, ^cscapularis), *syn.* '39, 88^{be}.
perpallidus, *Mex.* '35, 208.
petulans (San Francisco Brown Towhee), *Calif.* '34, 169.—*hbt.* '34, 169–179.
potosinus (Plateau Brown Towhee, ^bfuscus), *Mex.* '35, 423, '40, 235^b, 243.
rutilus (Sclater's Towhee), *hbt.* '31, 65.
senicula (^aAnthony's Towhee), *misc.* '31, 544^a.
texanus, *Tex.* '34, 549.
torquatus (Collared Towhee), *Mex.* '40, 235, 243.
Pipit, see *Anthus rubescens*.
American, see *Anthus rubescens*.
Malay, see *Anthus malayensis*.
Meadow, see *Anthus pratensis*.
New Zealand, see *Anthus novae-see-landiae*.
Sprague's, see *Anthus spraguei*.
Tree, see *Anthus trivialis*.
pipixcan (*Larus*), see *Larus*.
Pipra borbao, *Bras.* '37, 230.
discolor, *Peru*, '37, 230.
erythrocephala, *Pan.* '33, 304.
occulta, *Peru*, '37, 230.
pygmaea, *Peru*, '37, 230.
saturata, *Peru*, '37, 230.
separabilis, *Bras.* '37, 230.
Pipramorpha peruana, *Peru*, '31, 149.—*tax.* '35, 213.
Pipreola, *Peru*, '37, 230.
confusa, *Ecuad.* '37, 230.
Pipridae, *Peru*, '37, 230.—*hbt.* '40, 176.
Piranga bidentata, *Mex.* '37, 198.
candida (Griscom's Tanager), *Mex.* '38, 50.—*cowbird host.* '38, 50.
citrea, *Chiriqui*, '34, 549.
cooperi (Cooper's Tanager), *Ariz.* '40, 257.—*cowbird host.* '40, 257; *misc.* '36, 452.
dextra (Eastern Hepatic Tanager, ^bflava), *Mex.* '40, 236^b, 242.
erythromelas (^aScarlet Tanager), *Antigua*, '34, 364; *D. C.* '38, 679^a; *Fla.* '31, 247^a; *Ga.* '31, 616, '35, 314; *Ky.* '35, 465; *La.* '37, 97^a; *Mass.* '33, 367; *O.* '34, 386^a; *Okla.* '38, 506; *St. Lucia*, '36, 90; *S. C.* '36, 315; *Va.* '33, 448.—*blood.* '37, 518; *cowbird host.* '34, 386^a; *destr.* '38, 679^a; *feather count.* '36, 168^a; *plm.* '31, 127; *song.* '38, 267^a; *wt.* '38, 444; *misc.* '34, 201^a.
hepatica (Hepatic Tanager), *wt.*, *wing area.* '38, 515.
hueyi, *Calif.* '39, 208.
ludoviciana (^aWestern Tanager, Louisiana Tanager), *Ariz.* '39, 325; *Mass.* '31, 130; *Que.* '39, 496^a.—*type loc.* '34, 552^a.
rubra (^aSummer Tanager, ^baestiva), *Colo.* '36, 452; *D. C.* '34, 528; *Hond.* '36, 193; *N. S.* '38, 549, '39, 88, 207; *O.* '33, 442, '36, 228^a, 229; *Okla.* '38, 506^a; *Pan.* '31, 120^a; *Va.* '36, 220, 451.—*colors.* '36, 193; *fd.* '36, 220–221, 451; *hbt.* '33, 442; *meas.* '36, 452^b.
saira (Saira Red Tanager), *Bras.* '31, 56, '38, 44.—*cowbird host.* '38, 44; *hbt.* '31, 53, 56.
sanguinolenta, *Mex.* '37, 198.
Pirnie, Miles David.
Fall migration of the black duck from northern Michigan (rev.), '32, 383.
Michigan waterfowl management (rev.), '36, 109–110.
piscator (*Sula*), see *Sula*.
piscivorus (*Bubo*), see *Bubo*.
Pisobia, *tax.* '34, 540.
acuminata (^aSharp-tailed Sandpiper, ^baurita, ^cErolia), *N. Z.* '38, 81^b; *St. Lawrence I.* '38, 306^a.—*mig.* '36, 81^b; *plm.* '36, 81^b; *misc.* '36, 81^a.
bairdi (^aBaird's Sandpiper, ^bErolia), *Afr.* '33, 433; *Ala.* '35, 99; *Ark.* '38, 285; *Baf. I.* '40, 14^a, 15^a; *Can.* '37,

- 569^a; D. C. '31, 260; Fla. '31, 442; Galap. Is. '33, 433; Ill. '33, 372; Ia. '35, 84; Man. '32, 168^a; Md. '38, 127; Mass. '34, 82, 246; N. J. '32, 470-474, '33, 100^a; N. Y. '33, 446, '34, 397, '35, 97; Okla. '38, 503^b; Pa. '33, 230; Sib. '33, 433; S. Am. '36, 171^a; S. C. '31, 260; Tex. '38, 671; Va. '33, 195.—dist. '37, 569^a; misc. '35, 461^a.
- fuscicollis** (^aWhite-rumped Sandpiper, ^bErolia), Antigua, '34, 359; Ark. '35, 324; Baf. I. '40, 14^a, 15^a, 20^a; Conn. '33, 444; Fla. '31, 442, '34, 98^a; Ga. '35, 461; Hond. '36, 186^b, 189^b; Ia. '35, 84; Labr. '37, 25; Md. '38, 127; Mass. '37, 388-389; Mich. '34, 81^a; N. J. '31, 419^a, 420, 422^a, '32, 470-474; N. C. '37, 454; Okla. '36, 432, '38, 503; S. C. '31, 260, '36, 80; Tex. '38, 67; V. I. '36, 456; Va. '33, 195; W. Va. '36, 97; Wisc. '34, 402.—colors, '36, 189^b; fd. '37, 25; hbt. '31, 182^a; meas. '37, 25; mig. '38, 67; paras. '37, 41; wt. '37, 25.
- melanotos** (^aPectoral Sandpiper, ^bmaculata, ^cErolia), Ala. '33, 369; Antigua, '34, 359; Ark. '35, 324; Australia, '36, 81; Engl. '38, 298^a; Fr. '36, 364^a; Hond. '36, 186^a, 189^a; Ia. '35, 84; Md. '38, 127; Mich. '34, 81^a; N. J. '31, 419^a, 420^b, 422^a, '32, 470-474; N. Y. '35, 97^b; N. Z. '36, 81, 459^a; N. C. '37, 454; O. '31, 596^a; Ont. '35, 196; Pan. '35, 326^b; Pa. '31, 113^a; S. C. '36, 329^a; Tex. '38, 67; Va. '31, 418^b; W. Va. '36, 97, '38, 129; Wisc. '32, 83^a; Wyo. '34, 256.—colors, '36, 189^a; fd. '34, 359; hbt. '31, 182^a, 183^a; mig. '32, 83^a, '34, 256, '36, 81, '38, 67; plm. '36, 81; wt. '31, 573^b, '38, 515; wing area, '38, 515; yng. '40, 125^a; misc. '35, 461^a.
- minutilla** (^aLeast Sandpiper), Ala. '35, 463; Alas. '39, 152; Antigua, '34, 359; Ark. '35, 324^a; Colo. '38, 555^a; Fla. '31, 442, '34, 98^a; Ga. '35, 461^a; Ill. '39, 334^a; Ia. '35, 84, '38, 275; Labr. '37, 25, 26^a; Me. '35, 317; Man. '32, 367^a, '35, 203; Md. '38, 127; Mass. '34, 82^a; Mex. '35, 252; Mich. '34, 22; N. H. '35, 96, 97; N. J. '31, 419^a, 420^a, 421, 422^a, '32, 470-474; N. Y. '35, 97, '36, 446^a; N. C. '33, 231, 368, '34, 94, '37, 454; O. '31, 375, 376^a, 596^a; Ont. '35, 196; Pan. '35, 326; Pa. '34, 533^a, '38, 276^a; Que. '31, 241^a; S. C. '40, 402^a; Tex. '38, 67; Wash. '38, 276^a; W. I. '34, 103^a; W. Va. '36, 97, '38, 129; Wisc. '32, 83^a.—fd. '34, 359, '37, 25; hbt. '31, 182^a, 183^a, 184^a, '37, 446, '39, 202^a; meas. '37, 25; mig. '32, 83^a, '38, 67; nest, '32, 367^a; paras. '37, 41; wt. '35, 203, 471^a, '37, 25; wt. of egg, '35, 204.
- ruficollis** (Rufous-necked Sandpiper), Alas. '34, 232.—egg, nest, '34, 232.
- Pitangus**, Peru, '38, 312.—tax. '40, 594.
- bolivianus** (Bienteveo), Argent. '31, 55, '38, 43.—cowbird host, '38, 43; hbt. '31, 55.
- derbianus** (Derby Flycatcher), La. '31, 123; Tex. '38, 133.
- guatemalensis**, Hond. '36, 192.—colors, '36, 192.
- sulphuratus** (^aKiskadee), misc. '36, 337^a.
- texanus**, Tex. '40, 594.
- Pitelka**, Frank Alois.
- Say's phoebe in northern Indiana, '38, 280-281.
- Melanism in the black-crowned night heron, '38, 518-519.
- Brewster's warbler in the Chicago region, '38, 540-542.
- Hybrid Vermivorae in the Chicago region, '39, 340.
- Flight song of the blue-winged warbler, '39, 340-341.
- Mourning warbler nesting in the Chicago region, '39, 481.
- Nashville warbler breeding in north-eastern Illinois, '40, 115-116.
- "Cranetown" at Reelfoot Lake (rev.), '40, 130.
- Breeding behavior of the black-throated green warbler (rev.), '40, 437.
- Pitelka**, F. A., and Bartel, K. E. E. see Bartel and Pitelka.
- Pitelka**, F. A., and Odum, E. P. see Odum and Pitelka.
- Pithecophaga jefferyi** (^aPhilippine Monkey-eating Eagle), P. I. '38, 173.—bibl. '34, 340-342; known specimens, '34, 338-342; meas. '34, 338; misc. '35, 360, '40, 438^a.
- Pithys castanea**, Ecuad. '38, 689.
- pitiayumi** (Compsothlypis), see Compsothlypis.
- (Parula), see Compsothlypis.
- Pitta cucullata**, hbt. '40, 176, 178.
- longipennis**, Afr. '37, 566, '38, 693.
- persola**, P. I. '34, 551.
- petersi** (^bintermedia), nomen. '34, 275, 275^b.
- reichenowi**, misc. '32, 270.
- yairocho**, P. I. '36, 108.
- Pittidae**, P. I. '36, 108.—hbt. '40, 176.
- Pitts**, Grover.
- Notes from the Cape Hatteras region, '38, 552.
- Pitylus**, tax. '37, 212.
- fuliginosus** (Gray Kernel-eater),

Braz. '31, 57, '38, 45.—cowbird host, '38, 45; *hbt.* '31, 53, 57.

placens (*Myiochanes*), see *Myiochanes*.

plagiata (*Asturina*), see *Asturina*.

Plagiospiza superciliosa (Striped Sparrow), *Mex.* '35, 423, '40, 235, 243.

plancus (*Polyborus*), see *Polyborus*.

Planesticus, see *Turdus*.

Platalea leucorodia (*Spoonbill, White Spoonbill), *Holl.* '35, 223*, '38, 299*.—*band.* '35, 223.

platani (*Aramidopsis*), see *Aramidopsis*.

platensis (*Cistothorus*), see *Cistothorus*.

Plates.

(Colored plates.)

Tephrophilus wetmorei, '34, 1.

Cyanocorax dickeyi, '35, 274.

Oddly plumaged orioles from Oklahoma, '38, 1.

Downy young of *Dendragapus*, '38, 589.

Accipiter striatus suttoni, '39, 127.

(Uncolored plates.)

1931.

A. T. Wayne (portrait), '31, 1; Ruffed grouse on drumming log, '31, 32; Nestling saw-whet owl, '31, 169, 172; Blue geese on their nesting ground, '31, 335; Blue goose nesting ground. Nest and eggs of lesser snow goose, '31, 342; Blue goose mated with lesser snow goose, '31, 350; Rieffer's hummingbird incubating, '31, 481; Nests of Rieffer's hummingbird, '31, 488; Young of Rieffer's hummingbirds in nest, '31, 496; Snowy owl caught at Ithaca, N. Y., '31, 504; Black-throated blue warbler and nest, '31, 512; Nest of black-throated blue warbler, '31, 520; Nest, eggs and young of alder flycatcher, '31, 547; Young alder flycatchers about to leave nest, '31, 550; Nests of great blue and black-crowned night herons, North Tona-wanda, N. Y., '31, 568.

1932.

W. De W. Miller (portrait), '32, 1; Female dowitchers (*Limnodromus g. griseus*, *L. g. scolopaceus*, *L. g. hendersoni*), '32, 16; typical dowitcher feathers, '32, 18; *Pyelorchampus molothroides*, an extinct Icterid, '32, 39; H. Nehrling (portrait), '32, 153; Harris's sparrow near nest, Churchill, Man., '32, 166; Nesting site and nest of Harris's sparrow, Churchill, Man., '32, 168; Eggs of Harris's sparrow, '32, 170; Blue geese at Vermilion Bay, La. (two views), '32, 279; Blue geese in flight

and at rest (two views), '32, 294; Blue geese gathering for migration on Belle Isle, La. (two views), '32, 298; Steel tower at bald eagle's nest, '32, 307; Bald eagle family in nest, '32, 314; Bald eagle feeding young in nest, '32, 322; Henry Wetherbee Henshaw (portrait), '32, 399, 403; In the field and his cottage at Hilo, Hawaii, '32, 421, 422; Young bald eagles, and eagle egg hatching (six views), '32, 429; Young bald eagle, just before and just after hatching, '32, 432.

1933.

Charles Wallace Richmond (portrait), '33, 1; Bald eagle, nest, adult and young (two views), '33, 35; Bald eagle, nest and adult birds (two views), '33, 40; Young bald eagles (two views), '33, 46; Robert Ridgway (portrait), '33, 159; Nest, eggs and young of American woodcock (two views), '33, 170; Parent woodcock and young (two views), '33, 172; Glass-covered boxes of stomach contents, '33, 188; Outram Bangs (portrait), '33, 265; Topsell's painting of the churrheao (towhee), '33, 276; White-browed scrub-wren feeding young fan-tailed cuckoo, and rufous fan-tail feeding young brush cuckoo (two views), '33, 385; Black-throated green warbler, adult and young (two views), '33, 403.

1934.

Outlet from labyrinth to base of Mt. Sangay. [Habitat of *Tephrophilus wetmorei*], '34, 6; Slaty antshrike, nest and eggs (two views), '34, 14; Semipalmated plover and nest (two views), '34, 27; Female mourning warbler on nest, '34, 38; Views near Mt. Sangay, Ecuador, '34, 144, 152; Ruffed grouse in display, '34, 180, 184, 192; Yellow-breasted chat, yellow warbler, Canada goose and cowbird, showing mating reactions, '34, 196; Nesting of the great crested flycatcher, '34, 212; Downy young and nest of Bonaparte's gull, '34, 291; Short-billed marsh wren at nest, '34, 439; Conglomerate nesting of ferruginous rough-leg, Swainson's hawk, raven and magpie, '34, 446; Nests of Swainson's hawk and ferruginous rough-leg, '34, 447; Nests, eggs and young of Brewer's blackbird, '34, 486.

1935.

Ruthven Deane (portrait), '35, 1;

Goshawk, nest and young (five views), '35, 16; Birds' songs on sound films and charts (four), '35, 40; E. W. Nelson (portrait), '35, 135; Charles W. Townsend (portrait), '35, 227; Three views of Hawk Mountain, '35, 242; Two views at Punta Peñascosa, Mexico, '35, 249; Nest of western horned owl, and view at Punta Peñascosa, Mexico, '35, 252; Nest of black-eared bush-tit and nest of banded cactus wren, '35, 258; Sex discrimination in red-winged blackbird, '35, 278; Responses of males to mounted birds of other species, '35, 286; Robert W. Shufeldt (portrait), '35, 358; Nest of short-billed marsh wren, '35, 362; Leach's petrel colony, '35, 382; Leach's petrels and burrow, '35, 386; Leach's petrel egg and young, '35, 390; Nests of herring gull and American eider near petrel burrow, and black-backed gull swallowing petrel, '35, 394; Hatching of Wilson's snipe, '35, 410; Views in Durango, Mexico [haunt of Massena quail], '35, 422.

1936.

Cedar waxwings and nest (three views), '36, 1, 5; Young cedar waxwing, '36, 5; Hepburn's rosy finches (four views), '36, 12, 16; Reproductions of John White paintings of flicker and noddy, '36, 18; Ovarian follicles in the starling, '36, 31, 32; Summer home of Hepburn's rosy finch, Mt. Baker, Wash. (two views), '36, 133; Hepburn's rosy finch, and nest and eggs (two views), '36, 140; Young Hepburn's rosy finches (two views), '36, 148; Ospreys and nest, '36, 261; Ospreys' nests (two views), '36, 264; Young ospreys (four views), '36, 268; Flickers (four views), '36, 272; Flickers (three views), '36, 276; Nests of Florida grasshopper sparrow (two views), '36, 318; Hatching black ducks, '36, 377 (two views), 380 (two views).

1937.

William H. Bergtold (portrait), '37, 1; Cape Chidley and the Button Islands, Labrador (two views), '37, 12; Razor-billed auks (two views), '37, 24; Nest and eggs of northern eider, and northern horned lark on nest, '37, 32; American pipit on nest, and nest of snow bunting, '37, 40; Harry S. Swarth (portrait), '37, 127; Black-chinned jacamars (three views), '37, 146; A. A. Allen in camp

in Florida (two views), '37, 166; Recording calls of ivory-billed woodpecker, '37, 168; Florida feeding grounds of ivory-billed woodpecker, and young pines scaled of bark by ivory-bill (two views), '37, 170; Work of ivory-bills on dead tree, '37, 172; Ivory-bill's nest, '37, 176; Ivory-bills at nest (four views), '37, 178, 180; Black skimmers feigning injury (two views), '37, 237; Black skimmer and young (two views), '37, 244; Boat-tailed grackles in Louisiana, '37, 277, 284 (two views), 292 (nest and nesting island); Leconte's sparrow at nest, '37, 309 (two views), 316 (two views); Photo of letter from Mark Catesby to Sir Hans Sloane, '37, 349; Hepburn's rosy finch, '37, 394; Crows' nest on the ground, '37, 394; Bay-breasted warbler, nest and young, '37, 429 (two views), 436 (two views); Spotted sandpiper, '37, 446 (two views), 450 (two views); Nests of Virginia rail (two views), '37, 464; Virginia rails at nest (two views), '37, 472; Illustrations of avian coccidiosis, '37, 508; Robin with two sets of rectrices, '37, 512; Willow ptarmigan, '37, 512.

1938.

Young black-crowned night herons (three views), '38, 16; Sexual behavior of black-crowned night herons (eight views), '38, 20; Erection of plumage in night herons (three views), '38, 28; White-eyed and normal murres with their young, '38, 56; Life at Fort Caroline as seen by the French artist Jacques Le Moyne in 1564, '38, 106; R. C. McGregor (portrait), '38, 163; Sclerotic rings of birds (four views), '38, 242; An abnormal blue jay primary, and an unfortunate pine warbler (two views), '38, 282; Nests of eider, herring gull, and Leach's petrel (two views), '38, 387; Eiders (two views), '38, 390; Nest and eggs of eider, and young eiders (two views), '38, 398; Clapper rail and nest (four views), '38, 414; Nest, eggs and young of turkey vulture (four views), '38, 470; Development of remiges in the murre, '38, 530; Starling with missing upper mandible, '38, 530; Flightless cormorants and nest (two views), '38, 596; Florida crane, adult, young, nest and eggs (five views), '38, 600; Plumage development in tree sparrows (nine figs.), '38, 604;

Songs of veery, olive-backed thrush, and brown thrasher (three graphs), '38, 616; Songs of white-throated sparrow, song sparrow, and chestnut-sided warbler (three graphs), '38, 620; Female rufous hummingbird at nest, '38, 636.

1939.

George Bird Grinnell (portrait), '39, 1, 8; Home of George Bird Grinnell, '39, 8; Elbow Lake, Iowa (two views), '39, 32; Air-sac system of the pigeon (four figs.), '39, 57; American egret nesting on Illinois River, '39, 73; Black-necked stilt nesting in South Carolina, '39, 73; Nest, eggs and young of Wilson's snipe (two views), '39, 130; John C. Phillips (portrait), '39, 221; Yellow rail and nest (two views), '39, 236; Haunts of yellow rail, Ontario, '39, 238; Nest and eggs of yellow rail, '39, 238; Pied-billed grebe at nest, '39, 367 (two views), 370 (two views).

1940.

Samuel Prentiss Baldwin (portrait), '40, 1; Grass tundra, Foxe Basin, '40, 16; Desert tundra, Baffin Island, '40, 16; Sora rail and nest (two views), '40, 153; Unusual nest of killdeer, '40, 250; Juvenal screech owl shows aversion to crow skin, '40, 250; Nest of spotted-breasted wren, '40, 293; Dormitory nest of Lawrence's musician wren, '40, 293; Sage grouse on strutting ground, '40, 467; Mating behavior of sage grouse (six figs.), '40, 470; *Sarcocystis rileyi* in Wilson's snipe (two figs.), '40, 514.

(Text figures.)

Heads of *Poliophtila nigriceps*, *P. restricta* and *P. bairdi*, tails of *P. restricta* and *P. bairdi*, '31, 37; Sketch-map of Southampton Island, '31, 337; Graph, feeding of young song sparrows, '31, 396; Map, distribution of *Vireo chivi* and its allies, '31, 409; Map, snowy owl records for Canada, 1930-1931, '31, 502; Map, snowy owl records for Ohio, 1930-1931, '31, 506; Map, snowy owl records for New England, 1930-1931, '31, 509; Diagram, cobweb mooring lines holding [Black-throated blue warbler's] nest in position, '31, 514; [Song of Harris's sparrow], '32, 173; Habitat (map) of *Pseudocalyptomena graueri*, '33,

24; Spring migration of the mourning dove, '33, 294; Position of eggs in nest [of Semipalmated plover], '34, 33; Drawing of anatomy of woodcock's head, '34, 298; Graphs showing spring migration of loon and sand-hill crane, '34, 303; Graphs showing social order in flocks, '34, 319, 323; Map of North America showing travels of birds banded in Louisiana, '34, 330; Graph, food of the crow in New York state, '34, 475; Map, distribution of Brewer's blackbird in Wisconsin, '34, 483; Feather structure of ruffed grouse, '34, 516; Graphs of songs of bob-white, meadowlark and goldfinch, '35, 45; Graph of winter wren's song, '35, 48; Graphs of song sparrow's song, '35, 49, 50; Bills of brown jays, '35, 262; Graph of daily weight variations in young Leach's petrels, '35, 395; Graph of increase in temperature, weight and growth of young barn swallows, '35, 406; Graphs showing growth in ovarian follicles of starling, '36, 34, 35, 36; Blue jay barb showing pigment cells and blue-producing cells (three figs.), '36, 180; Axillaries and breast feathers of bar-tailed godwits, '36, 196; Map showing migration path of birds through New Jersey, '36, 396; Map of Cape May Peninsula, '36, 398; Map showing breeding ranges of *Quiscalus*, '36, 411; Map showing distribution of *Quiscalus* in Louisiana, '36, 412; Graph showing relative abundance of northern shrike in successive years in the northeast, '37, 44; Graph showing habitat distribution of birds in Natal, South Africa, '37, 60; Maps showing migration routes of the American brant, spring, '37, 85; autumn, '37, 87; Map, Bay of Seven Islands, Gulf of St. Lawrence, '37, 90; Structural details of nondescript blackbird from Arizona, '37, 161; Musculature of Gallus, '37, 367 (two figs.), 373 (four figs.); Two tails of robin, '37, 511; Territories of immature night herons (in cage), '38, 10; Pecking order among immature night herons, '38, 21; Muscles of hip and thigh of Gallus, '38, 74, 75; Outlines of owl pellets, '38, 188; Scleral plates of birds, '38, 227; Scleral rings of birds, '38, 228, 229, 233, 234; Tables showing variation in structure of sclerotic rings of birds, '38, 237-242; Graphs

- showing fluctuations in weight of birds, '38, 425, 427, 428, 446, 451, 455; Tables of weights of wild birds, '38, 436-445, 449, 453, 454; Graphs of songs of Kirtland's warblers, '38, 487-489; Graph showing seasonal variation in weight of tree sparrows, '38, 608; Overtones of bird song (set to music), '38, 625; Measurement of overtones (two figs.), '38, 627; Brooding periods and feeding intervals of rufous hummingbird (four graphs), '38, 631; Tongue musculature of raven (three figs.), '38, 644; Graph showing number of feathers per gram body weight in some birds, '38, 654; Head of maimed pheasant, and bill and eye of normal bird (four figs.), '38, 659; Characters of *Aechmophorus mexicanus*, '38, 664; Map of western part of Lake Erie and adjacent region, '39, 14; Distribution of *Quiscalus* in Mississippi (map), '39, 29; Map of Ruthven area, Iowa, '39, 33; Song of western wood pewee (diagram), '39, 189; Territories of great horned owls (maps), '39, 275, 276; Effect of wind on flight speeds (eight diagrams), '39, 292-300; Five graphs and ten tables illustrating social hierarchy in canaries, '39, 388-396; Bird cycles (two graphs), '39, 413; Weather in relation to hawk migration (three tables), '39, 438-440; Call note of white-eared hummingbird, '39, 446; Weather in relation to bird mortality (seven graphs), '39, 454; Heads of *Psittacirostra* and *Dysmorodrepanis*, '39, 480; Response of laughing gulls to elements in nest situation (graph), '40, 24; Egg volumes and incubation periods (two graphs), '40, 46, 48; Homing experiments with Leach's petrel (seven figs.), '40, 62-70; Distribution of races of Carolina wren (map), '40, 102; Early figure of great auk, '40, 112; Territories of smooth-billed ani (chart), '40, 184; Nests of Central American wrens, '40, 301; Effect of light on plumage, '40, 492; Relation between lighting and type of regenerated feathers in *Pyromelana* (graph), '40, 493; Song sparrow 'anting', '40, 521, 522; Comparative tail measurements of chickadees from Canada (graphs), '40, 537, 539; Sketch map of eastern Asia, '40, 551.
- Plath, Karl.**
Abnormal plumage of the scarlet tanager, '31, 127-128.
- Color of the iris in the great-tailed grackle, '32, 356.
Molt of the nonpareil, '33, 121.
- Platt, Charles.**
Chestnut-sided warbler breeding in Montgomery County, Pa., '31, 613-614.
- Platt, Edmund, 1865-1939.**
Obituary, '40, 139, 148.
- Platycercus**, *hbt.* '40, 176, 178.
adscitus, *aviary*, '39, 203; *disease*, '40, 332; *misc.* '31, 156.
ceciliae, *disease*, '40, 332.
elegans, *disease*, '40, 332; *fd.* '34, 276.
eximius, *disease*, '40, 332; *fd.* '34, 276, '37, 562; *hbt.* '37, 562.
flaveolus (^aAustralian Yellow Parakeet), *aviary*, '37, 573.
macgillivrayi (^cCloncurry Parakeet, ^bBarnardius), *avic.* '40, 435^{ab}; *misc.* '40, 273^{ab}.
semitorquatus, *disease*, '40, 332.
platycercus (Selasphorus), see Selasphorus.
- Platypsaris**, *Peru*, '37, 230.
aglaiae (Rose-throated Becard), *misc.* '35, 267.
crassirostris, *behav.* '40, 170.
gravis, *Mex.* '39, 208.
homochrous, *Pan.* '33, 305.
hypophaeus, *Hond.* '36, 191.—*colors*, '36, 191.
richmondi, *tax.* '31, 307.
platypterus (Buteo), see Buteo.
platyrhynchus (Anas), see Anas.
- Platyrinchus**, *Peru*, '40, 277.
- Platyspiza crassirostris**, *behav.* '40, 170.
- Plautus impennis** (^aGreat Auk, ^bPiniginus, ^cPennegoin), *G. Br.* '40, 569-571; *N. B.* '39, 285-286^a; *N. F.* '40, 112.—*egg*, '40, 47^a, 570; *fig.* '40, 112; *fd.* '39, 286^a; *hbt.* '39, 286^a; *incub.* '40, 50^a; *nomen*, '34, 541^b, '40, 76^{aa}; *misc.* '33, 204, '35, 220^a, '36, 115^a, 237^a, 241^a, '37, 380^a, 401^a.
- plebeja* (Turdoides), see Turdoides.
plebejus (Turdus), see Turdus.
- Plectrophenax insulae**, *Ice.* '31, 312.
nivalis (^aEastern Snow Bunting, Snow Bunting), *Baf. I.* '40, 15^a, 16^a, 18^a, 20^a, 119; *Del.* '35, 317; *Ga.* '33, 227; *Greenl.* '40, 267-268^a; *Labr.* '37, 21^a, 22^a; *Man.* '35, 204; *Mich.* '36, 455; *Minn.* '36, 342^a; *Mont.* '32, 491; *N. Y.* '40, 406^a, 407; *N. C.* '35, 319, 460, '37, 549, '39, 344; *O.* '37, 326; *Pa.* '35, 197, '36, 223; *S. C.* '31, 275, '38, 547; *Va.* '36, 93; *W. Va.* '36, 223-224.—*behav.* '39, 403^a, '40, 177, 267-268^a, 484^a; *egg*, '37, 39, '40, 57^a; *fd.* '37, 40; *incub.* '40, 57^a, 59^a; *meas.* '37, 40; *mig.*

- '32, 491; natal down, '37, 39; nest, '37, 22, 39-40; nid. '40, 267-268, 477; pl. '37, 40; plm. '31, 639; song, '38, 547; syst. '31, 312; wt. '35, 204, '37, 39-40, 326; misc. '38, 683.
subnivalis, *Greenl.* '33, 135.
Plegadis falcinellus (*Eastern Glossy Ibis, Glossy Ibis), *Fla.* '32, 337, '35, 180, 200, 462, '36, 347; *Ga.* '33, 352; *La.* '33, 351; *Me.* '37, 382; *N. J.* '32, 459; *P. R.* '36, 323, 351, '38, 53; *Tex.* '38, 62, 64.—*dist.* '37, 382; *egg.* '40, 56; *incub.* '40, 56, 58; *nest.* '32, 337-339, '33, 351; *protec.* '39, 217; *misc.* '36, 261.
guarauna (*White-faced Glossy Ibis), *Mex.* '35, 424; *Okla.* '38, 274; *Tex.* '38, 64; *Utah*, '37, 389.
Pleske, Theodore.
 Dates in Pleske's 'Birds of the tundra', '33, 151-152.
pleskei (*Locustella*), see *Locustella*.
pleurostictus (*Thryophilus*), see *Thryophilus*.
plicatus (*Rhyticeros*), see *Rhyticeros*.
Pliogrus, tax. '34, 262.
germanicus, fos. '34, 262.
Ploceidae, *Afr.* '40, 321; *America*, '40, 120.—*disease*, '40, 332; *eye*, '38, 240; *hbt.* '38, 135, '40, 177, 323; *incub.* '40, 322; *nid.* '40, 482; *paras.* '40, 517; *parasitism*, '40, 212; *syst.* '36, 117; *misc.* '36, 168, '37, 553.
Ploceus burmanicus, *misc.* '32, 511.
fricki, misc. '38, 141.
jucundus, Afr. '32, 130.
nicolli, Tanganyika, '32, 510.
reicherti, Afr. '34, 277.
spilonotus (Spot-backed Weaver), *Afr.* '36, 295-297.—*fd.*, *hbt.*, *nest*, '36, 295-297.
 Plongeon, see *Gavia immer*.
 Plover, American Golden, see *Pluvialis dominica*.
 Asiatic Ringed, see *Charadrius dubius*.
 Banded Sand, see *Charadrius tenellus*.
 Belding's, see *Pagolla beldingi*.
 Belted Piping, see *Charadrius melodus*.
 Black-bellied, see *Squatarola squatarola*.
 Collared, see *Charadrius collaris*.
 Crab, see *Dromas ardeola*.
 Cuban Snowy, see *Charadrius tenuirostris*.
 European Golden, see *Pluvialis apricaria*.
 Golden, see *Pluvialis apricaria* and *P. dominica*.
 Grey, see *Squatarola squatarola*.

- Jerdon's Little Ringed, see *Charadrius jerdoni*.
 Killdeer, see *Oxyechus vociferus*.
 Little Ringed, see *Charadrius curonicus*.
 Mountain, see *Eupoda montana*.
 Piping, see *Charadrius melodus*.
 Ringed, see *Charadrius hiaticula*.
 Ring-necked, see *Charadrius semipalmatus*.
 Rufous-naped, see *Pagolla rufinucha*.
 Semipalmated, see *Charadrius semipalmatus*.
 Snowy, see *Charadrius occidentalis*.
 Spur-winged, see *Hoplopterus spinosus*.
 Upland, see *Bartramia longicauda*.
 Western Snowy, see *Charadrius nivosus*.
 Wilson's, see *Pagolla wilsonia*.
 Wrybill, see *Anarhynchus frontalis*.
plumbea (*Callipepla*), see *Lophortyx*.
 — (*Ictinia*), see *Ictinia*.
 — (*Lophortyx*), see *Lophortyx*.
 — (*Oceanodroma*), see *O. furcata*.
plumbeiceps (*Tchitrea*), see *Tchitrea*.
 — (*Terpsiphone*), see *Terpsiphone*.
plumbescens (*Baeolophus*), see *Baeolophus*.
plumbeus (*Lanivireo*), see *Vireo*.
 — (*Psaltiriparus*), see *Psaltiriparus*.
 — (*Rostrhamus*), see *Rostrhamus*.
 — (*Todus*), see *Todus*.
 — (*Vireo*), see *Vireo*.
plumbiceps (*Ortalis*), see *Ortalis*.
plumosa (*Penelope*), see *Penelope*.
Pluvialis apricaria (*European Golden Plover, Golden Plover, ^b*Charadrius*), *Baf. I.* '37, 569; *Holl.* '38, 571^b.—*dist.* '33, 203; *fd.* '37, 218; *mig.* '39, 492^b.
atrifrons, dist. '33, 203.
dominica (*American Golden Plover, Golden Plover), *Ala.* '33, 359, '36, 441; *Antigua*, '34, 358; *Ark.* '36, 455; *Calif.* '36, 374; '37, 536; *Del.* '31, 416; *Fla.* '34, 96, '37, 536; *Ga.* '31, 436; *Ill.* '34, 101; *Ia.* '33, 124, '35, 84, '39, 101; *Man.* '35, 203; *Mass.* '32, 101, '34, 246; *Mich.* '31, 132, '34, 519; *N. J.* '31, 419, 420, 421, '32, 465, 470-474, '33, 100, 420; *N. Y.* '39, 179; *O.* '34, 401; *Pa.* '35, 80; *S. Am.* '40, 426; *S. C.* '31, 415, 597, '32, 81, '33, 99; *Tex.* '38, 65, 133; *Wisc.* '31, 416, '35, 323, '39, 475.—*flight*, '33, 314, '38, 147; *hbt.* '31, 181, 182, 183; *mig.* '39, 250, 475; *voice*, '33, 420-425; *wt.* '35, 203, '38, 442; *misc.* '37, 401, '39, 346, '40, 78.
 Pochard, see *Nyroca ferina*.
Podager nacunda, *misc.* '36, 483.
Podargidae, *Borneo*, '36, 250.

- podargina (Noctua), see Noctua.
 — (Pyrroglaux), see Noctua.
Podargus, *fd.*, *hbt.*, '37, 111.
Podiceps, see Colymbus.
 podiceps (Podilymbus), see Podilymbus.
Podicipiformes, *nomen*. '38, 559.
Podilymbus antarcticus, *C. Z.*, *Colom.*, '37, 379.—*meas.* '37, 379.
 antillarum (Antillean Grebe), *Antigua*, '34, 354; *Dom. Rep.* '34, 500; *Haiti*, '34, 500.—*fd.*, *meas.*, '34, 354.
 podiceps (*Pied-billed Grebe), *Ark.* '31, 235; *C. Z.* '37, 379; *D. C.* '31, 106; *Ida.* '39, 36; *Ida.* '36, 96; *Mass.* '32, 233*, 465*; *N. Y.* '31, 279*; *O.* '31, 367; *Pa.* '34, 230, 368*; *P. R.* '38, 53; *Tex.* '38, 62–63; *Venez.* '35, 329; *W. Va.* '36, 202*, '38, 128, 129; *Wisc.* '37, 98, '39, 367–373.—*alb.* '37, 98; *egg.* '40, 57*; *fd.* '39, 372; *incub.* '39, 367, '40, 57*; *life hist.* '39, 367–373; *mid.* '36, 96, '39, 367–373; *note.* '39, 369, 372–373; *pl.* '39, 367; *wt.* '38, 516; *wing area.* '38, 516; *misc.* '37, 217*.
 poecilochrous (Buteo), see Buteo.
Poecilodryas nitida, *syn.* '34, 560.
 poeilopectera (Nesoclopeus), see Nesoclopeus.
 — (Rallina), see Nesoclopeus.
 — (Rallus), see Nesoclopeus.
 poeilorhyncha (Anas), see Anas.
Poecilotriccus, *Peru*, '40, 595.
 poecilurus (Empidochanes), see Empidochanes.
 poensis (Illadopsis), see Illadopsis.
Poephila gouldiae (*Lady Gould's Finch), *disease*, '40, 332; *plm.* '37, 109*.
 leucotis, *misc.* '36, 248.
 mirabilis, *disease*, '40, 332.
 personata (Masked Grass-finch), *misc.* '34, 121, '40, 275.
Pogoniulus angolensis, *Angola*, '33, 383.
 chrysocomus, *Afr.* '38, 694.—*aces.* '38, 694.
 conciliator, *syn.* '38, 692.
 rovumensis, *Afr.* '35, 350.
Pogonornis friedmanni, *Angola*, '33, 255.
Pogonospiza, *tax.* '37, 212.
Pogossians, *H.*
 Karyotypes of some representatives of Passeres (Passer domesticus L., Coloeus monedula L., Turdus pilaris L.) (rev.), '38, 579.
Poicephalus cryptoxanthus, *tax.* '32, 86.
 hypoxanthus, *tax.* '32, 86.
 permistus, *Afr.* '32, 139, 264.
 tanganyikae, *tax.* '31, 150.
 sanzibariensis (*fuscicapillus), *nomen*. '32, 86*; *tax.* '31, 150b, '32, 86b.
 poeiloptilus (Botaurus), see Botaurus.
 poiocephala (Timalia), see Timalia.

- Poland**.
 Dunajewski, A., '38, 571 (rev.).
Poland, James Lloyd.
 Upland plover found breeding in Berkeley County, West Virginia, '36, 444.
 Waterbirds at Leetown, West Virginia, '38, 127–129.
 Ruddy turnstone in West Virginia, '39, 76.
Polihierax major, *Kenya*, '31, 459.
 semitorquatus (African Pygmy Falcon), *syst.* '31, 459; *misc.* '36, 222.
Polioccephalus, see Colymbus.
 polioccephalus (Colymbus), see Colymbus.
 — (Crypturornis), see Crypturornis.
 — (Cuculus), see Cuculus.
 — (Turdus), see Turdus.
 poliocerca (Eupherusa), see Eupherusa.
 poliogyna (Loxia), see Loxia.
Poliolimnas collingwoodi (Philippine Ashy Rail), *P. I.* '38, 206–207.—*hbt.*, *mid.*, '38, 206–207.
 poliophorus (Batrachostomus), see Batrachostomus.
 polionota (Hylodichla), see Hylodichla.
Poliophtila abbreviata, *tax.* '35, 106.
 albitoris, *descr.* '31, 34; *dist.* '31, 34; *meas.* '31, 39; *syst.* '31, 33, 34.
 albiventris, *syst.* '31, 33.
 amoensis (Western Gnatcatcher), *Ariz.* '39, 324; *Calif.* '35, 429, '38, 546; *Ida.* '35, 312; *Mex.* '35, 255.—*cowbird host*, '38, 546; *dist.* '35, 429; *misc.* '38, 309.
 bairdi, *descr.* '31, 35; *dist.* '31, 36; *fig.* '31, 37; *meas.* '31, 39; *syst.* '31, 35.
 bilineata (*superciliaris, *magna), *syn.* '31, 33b; *syst.* '31, 33.
 caerulea (*Blue-gray Gnatcatcher, Gnatcatcher), *Ala.* '33, 369; *Conn.* '31, 277; *Mass.* '35, 311; *Mex.* '40, 237, 240; *Mich.* '40, 271*; *Minn.* '38, 563*; *N. C.* '39, 344; *O.* '31, 371, '32, 90; *Okla.* '36, 434, '38, 505, 506*; *W. Va.* '34, 396; *Wyo.* '34, 256*.—*blood*, '37, 517; *nest*, '32, 90, '36, 434.
 californica (Black-tailed Gnatcatcher), *Calif.* '31, 65, '38, 47.—*cowbird host*, '38, 47; *hbt.* '31, 59, 60, 65.
 curtata, *Mex.* '33, 143.
 gracilis, *Mex.* '38, 309.
 melanura (Plumbeous Gnatcatcher, Arizona Black-tailed Gnatcatcher, *lucida), *Mex.* '35, 255b.
 nigricaps, *descr.* '31, 36; *dist.* '31, 36; *fig.* '31, 37; *meas.* '31, 39; *syst.* '31, 36.
 paraensis, *S. Am.* '38, 309.
 pontilis (*nelsoni), *L. C.* '32, 133.—*syn.* '32, 133b.

- restricta**, *descr.* '31, 36; *dist.* '31, 36; *fig.* '31, 37; *meas.* '31, 39; *syst.* '31, 36.
polioptilus (Catherpes), see Catherpes.
Poliospiza reichardi, *Afr.* '40, 322.—*sedg., incub.*, '40, 322.
sordahliae, *Afr.* '32, 380.
pollens (Tyto), see Tyto.
pollicaris (Rissa), see Rissa.
Polyborus, '36, 385, 391.
auduboni (*Audubon's Caracara, Caracara, *Cheriway*), *Fla.* '36, 386, *Mex.* '35, 424^a; *Pan.* '35, 326^b; *Tex.* '40, 289–290^a.—*eye*, '38, 227^a; *protec.* '40, 289–290^a; *misc.* '36, 242^a, '38, 524^a.
lutosus (*Guadalupe caracara), *Guadalupe I., extinct*, '39, 94^a.
plancus (*tharus), *hbt.* '36, 385^b.
prelutosus, *fos., type loc.*, '38, 693.
polychopterus (Pachyramphus), see Pachyramphus.
Polygamy in birds.
 Knowles, E. H. M., '38, 675–676.
polyglottos (Mimus), see Mimus.
polyosoma (Buteo), see Buteo.
Polysticta stelleri (Steller's Eider), *dist.* '33, 202.
Polytelis swainsoni (*Barraband), *hyb.* '40, 276^a.
polytmus (Aithurus), see Aithurus.
Pomarea, *Marquesas Is.* '39, 205.
pomarina (Aquila), see Aquila.
pomarinus (Stercorarius), see Stercorarius.
Pomatorhinus, *hbt.* '40, 214.
beaulieu, *Indo-China*, '40, 429.
pomeranus (Lanius), see Lanius.
ponapensis (Aplonis), see Aplonis.
 — (Asio), see Asio.
Poncy, Robert.
 Danse nuptiale ? de la sterne Pierre garin, *Sterna hirundo* (L.) (rev.), '39, 205.
 Le grande harle Mergus merganser (L.) nicheur sur les bords du Léman (rev.), '40, 275.
 Quelques observations concernant le vol des oiseaux (rev.), '40, 275.
pondicerianus (Francolinus), see Francolinus.
ponticus (Larus), see Larus.
pontilis (Polioptila), see Polioptila.
pontocaspicus (Coloeus), see Coloeus.
Poocetes affinis (Oregon Vesper Sparrow), *misc.* '36, 23.
confinis (*Western Vesper Sparrow), *Ariz.* '36, 298; *Utah*, '38, 303^a.—*fd.* '38, 303^a.
gramineus (*Eastern Vesper Sparrow, Vesper Sparrow), *D. C.* '31, 610; *Fla.* '31, 253^a; *Mich.* '35, 458^a; *O.* '31, 372, '34, 386^a, '35, 322, '37, 326,

- 397^a; *Va.* '33, 448, '34, 87, 532.—*cowbird host*, '34, 386^a; *feather count*, '36, 169^a; *flight*, '33, 236^a, 316^a; *hbt.* '36, 126^a, 482; *meas.* '36, 24–27; *nest*, '31, 610, '34, 532; *song*, '34, 506^a, '38, 140^a, 267^a; *wt.* '37, 326, 328^a, '38, 440, 441, 515; *wing area*, '38, 515; *misc.* '36, 23.
Poole, Earl Lincoln.
 Breeding of the blue-winged teal in Pennsylvania, '31, 110.
 Some recent records from Reading, Pennsylvania, '32, 233–235.
 A Pennsylvania specimen of the white gyrfalcon, '33, 97–98.
 Water birds observed at Reading, Pa., '33, 230–231.
 The hawk migration along the Kittatinny Ridge in Pennsylvania, '34, 17–20.
 An influx of Leach's petrels, '34, 74.
 Rare birds at Lake Ontelaunee, Reading, Pa., '34, 94.
 Weights and wing areas in North American birds, '38, 511–517.
 Recent records from Lake Ontelaunee, Pennsylvania, '40, 577–578.
Poole, E. L., and Pough, R. H.
 Enter hawk—exit mouse (rev.), '37, 418.
 Poor-will, Nuttall's, see Phalaenoptilus nuttalli.
Poospiza assimilis (Gray-throated Warbling Finch), *Braz.* '38, 44.—*cowbird host*, '38, 41–44.
cabanisi, *misc.* '38, 44.
lateralis, *misc.* '38, 44.
melanoleuca (White-breasted Warbling Finch), *Argent.* '31, 58.—*hbt.* '31, 58.
Popenoe, Charles Holcomb, 1884–1933.
 Obituary, '37, 573.
porotoensis (Bessonornis), see Bessonornis.
porphyreolophus (Gallirex), see Gallirex.
Porphyrio albus (*White Porphyrio), *misc.* '36, 459^a.
melanotus (*New Zealand Purple Gallinule, Eastern Swamp-hen), *N. Z.* '34, 491.—*misc.* '40, 587^a.
 Porphyrio, White, see Porphyrio albus.
Porphyrola, tax. '34, 540.
Portenko, Leonidas Alexandrovich.
 Reciprocal relations between the races of *Emberiza schoenicla* and *E. pallasi* (rev.), '31, 298.
Hypotriorchis subbuteo (rev.), '31, 306–307.
 Some new subspecies of palaearctic birds (rev.), '33, 147.
 The bar-tailed godwit and its races, '36, 194–197.

- The bird fauna of the extra-polar part of the North Urals (rev.), '38, 136.
On some new forms of Arctic gulls (rev.), '39, 498-499.
- Porter, Sydney.**
Wanderings in the far east (rev.), '37, 418.
The ducks of New Zealand (rev.), '40, 593.
- Porto Rico**, see Puerto Rico.
portoricensis (Asio), see Asio.
— (*Columbigallina*), see *Columbigallina*.
— (*Gallinula*), see *G. cerceris*.
- Portraits.**
Baldwin, S. P., '40, 1.
Bangs, O., '33, 265.
Bergtold, W. H., '37, 1.
Deane, R., '35, 1.
Grinnell, G. B., '39, 1.
Henshaw, H. W., '32, 399, 403.
McGregor, R. C., '38, 163.
Miller, W. De W., '32, 1.
Nehrling, H., '32, 153.
Nelson, E. W., '35, 135.
Richmond, C. W., '33, 1.
Ridgway, R., '33, 159.
Shufeldt, R. W., '35, 358.
Swarth, H. S., '37, 127.
Townsend, C. W., '35, 227.
Wayne, A. T., '31, 1.
- Portugal.**
Reis, J. A., Jr., '32, 125 (rev.).
- Porzana bangsi**, *Colom.* '31, 460.
barejii, *Ferghana*, '38, 571.
carolina (*Sora, Sora Rail), *Alla.* '40, 155; *Fla.* '31, 249, '40, 165; *Ia.* '39, 36; *Labr.* '39, 352; *Mass.* '32, 465; *Mex.* '37, 193; *Mich.* '37, 311, 472-473; '39, 235; 236; '40, 153-168; *N. Y.* '31, 279; *N. D.* '40, 155, 166; *O.* '31, 374; *Que.* '31, 245; '38, 152; *S. C.* '36, 312, '40, 413; *Va.* '39, 331; *W. Va.* '38, 128.
— *aviary*, '33, 121; *destr.* '40, 165; *dist.* '40, 153; *egg*, '40, 160; *eye*, '38, 234; *fd.* '40, 167; *hbt.* '38, 577, '40, 153-168; *incub.* '40, 157-159, 161, 167; *life hist.* '40, 153-168; *mig.* '40, 154-155; *nid.* '38, 152; '40, 153-168; *note*, '40, 162-163, 167; *pl.* '40, 153; *plm.* '40, 167; *wt.* '31, 573, '38, 515, '40, 159-164, 167; *wt. of egg*, '40, 159-161, 167; *wing area*, '38, 515; *misc.* '39, 234.
erythrothorax (*Ruddy Crane), *China*, '38, 293.
fusca (Ruddy Rail), *P. I.* '38, 206.— *nid.* '38, 206.
marginalis, *tax.* '33, 249.
mira, *Borneo*, '39, 107.
parva, *misc.* '34, 277.
paykullii, *China*, '39, 359.

- typhoea*, *Colom.* '33, 249.
woodi, *Sal.* '35, 122.
- potomac (*Dendroica*), see *Dendroica*.
Potoo, Panama, see *Nyctibius griseus*.
potosina (*Aphelocoma*), see *Aphelocoma*.
potosinus (*Pipilo*), see *Pipilo*.
- Potter, Julian Kent.**
American golden plover (*Pluvialis dominica dominica*) in Camden County, N. J., '32, 465.
Wilson's phalarope in New Jersey, '32, 476.
Caspian tern (*Sterna caspia imperator*) in Camden County, N. J., '32, 476-477.
Fishing ability of the black skimmer (*Rynchops nigra nigra*), '32, 477.
Wilson's plover at Brigantine, N. J., '35, 80-81.
- Potter, Laurence Bedford.**
[Injury feigning by birds], '36, 367.
- Pough, Richard Hooper.**
Marsh hawks crossing to Cuba (rev.), '40, 130.
- Pough, R. H., and Poole, E. L.**
see Poole and Pough.
Poule d'eau, see *Fulica americana*.
Poule de mer, see *Uria aalge*.
- Praeger, William Emilius, 1863-1936.**
Obituary, '40, 148.
praerepta (*Monarcha*), see *Monarcha*.
prasinus (*Aulacorhynchus*), see *Aulacorhynchus*.
pratensis (*Anthus*), see *Anthus*.
— (*Fringilla*), see *Ammodramus australis*.
— (*Grus*), see *Grus*.
praticola (*Otocoris*), see *Otocoris*.
- Pratincola caprata** (Pied Stonechat), *P. I.* '38, 217-218.— *hbt.*, *nid.*, '38, 217-218.
orientalis, *nomen.* '37, 112.
robusta, *nomen.* '37, 112.
- pratincola* (*Aluco*), see *Tyto*.
— (*Tyto*), see *Tyto*.
Pratincole, Australian, see *Stilta isabella*.
- Pratt, George Dupont, 1869-1935.**
Obituary, '35, 493, '36, 69.
- Preble, Edward Alexander.**
[Obituary of] Frank Harris Hitchcock, '35, 490.
[Notice of retirement from Biological Survey], '35, 496.
- Prehistoric Birds** (See also Fossil Birds).
Bailey, A. M., '40, 124 (rev.).
Buick, T. L., '32, 252 (rev.), '38, 562-563 (rev.).
Friedmann, H., '35, 341 (rev.), '40, 127 (rev.).
Hargrave, L. L., '40, 127 (rev.).

- Howard, Hildegard, and Miller, A. H., '33, 251 (rev.), '39, 495 (rev.).
- Miller, A. H., '32, 38-41.
- Oliver, W. R. B., '31, 300-301 (rev.).
- Wetmore, A., '35, 328-329, '38, 51-55, 311 (rev.).
- Wiman, C., '38, 311-312 (rev.).
- pretulosus (Polyborus), see Polyborus.
- Presbychen abavus**, *Calif., fos.*, '31, 148.
- pressa (Chen), see Chen.
- (Illadopsis), see Illadopsis.
- Preston**, Ralph Clausius.
- Prairie warbler in Dutchess Co., N. Y., '36, 450.
- Bluebird nesting in cliff swallow's nest, '38, 539.
- pretiosa (Claravis), see Claravis.
- pretrei (Spindalis), see Spindalis.
- prezewalskii (Loxia), see Loxia.
- Price**, John Baryl, and **Danforth**, C. H. see Danforth and Price.
- Priest**, Cecil Damer.
- The birds of southern Rhodesia (rev.) '34, 263-264, 411, '36, 105-106, '37, 216-217.
- Priestly**, Mary.
- A book of birds (rev.), '38, 685-686.
- primolina (Metallura), see Metallura.
- primulus (Myiozetetes), see Myiozetetes.
- primus (Eocrex), see Eocrex.
- Prince Edward Island**.
- McManus, R., Jr., '36, 93.
- Tufts, R. W., '40, 440 (rev.).
- princeps (Leucopternis), see Leucopternis.
- (Passerculus), see Passerculus.
- principalis (Campephilus), see Campephilus.
- (Corvus), see Corvus.
- (Vidua), see Vidua.
- pringlei (Lampornis), see Lampornis.
- Prinia immutabilis**, *Afr.* '40, 320.—*incub.* '40, 320.
- mutatrix*, *Afr.* '36, 249.
- Priocella**, *hbt.* '37, 416.
- antarctica* (*Slender-billed Fulmar, Silver-gray Fulmar), *Antarctic*, '37, 151; *S. Orkneys*, '36, 460.—*misc.* '31, 106*, '37, 148.
- Prion**, see Pachyptila.
- Prionochilus**, *P. I.* '38, 173.
- Prionops concinnata** (*Nile Helmet Shrike), *misc.* '39, 94*.
- Pristorhamphus**, '34, 278.
- pritchardi (Megapodius), see Megapodius.
- Probalearica**, *tax.* '34, 262.
- Probosciger aterrimus** (*Great Black Palm Cockatoo, *Psittacus*), *dist.* '37, 572; *type loc.* '37, 572^b; *misc.* '34, 121*.
- Procarduelis kangrae**, *Himalayas*, '40, 277.
- Procellaria**, *myol.* '38, 647; *misc.* '37, 110, 565.
- aequinoctialis* (White-chinned Petrel), *Atlantic*, '39, 326.
- atlantica*, *nomen.* '35, 211.
- bysantina*, *nomen.* '35, 211.
- cinerea*, *nomen.* '35, 211.
- fregata*, *nomen.* '37, 110.
- grönlandica*, *nomen.* '35, 211.
- harlie*, *nomen.* '35, 211.
- melanonyx*, *nomen.* '35, 211.
- propontidis*, *nomen.* '35, 211.
- scotorum*, *nomen.* '35, 211.
- vulgaris*, *nomen.* '35, 211.
- Procellariidae**, *disease*, '40, 332; *eye*, '38, 237; *misc.* '36, 236.
- Procellariiformes**, *S. Atlantic*, '39, 500.—*disease*, '40, 332; *eye*, '38, 237, 241; *hbt.* '40, 175; *incub.* '40, 57; *paras.* '37, 41; *misc.* '35, 210, '36, 475.
- Procellariinae**, *ost.* '37, 110.
- Procnias**, *ost.* '35, 360.
- Procnitidae**, *misc.* '35, 361.
- Progne chalybea** (Gray-breasted Martin), *nid.* '40, 314.
- cryptoleuca* (Cuban Martin), *V. I.* '38, 131.—*tax.* '36, 103.
- dominicensis* (Caribbean Martin), *Antigua*, '34, 362; *V. I.* '38, 131, 553.—*fd.* '34, 362.
- subis* (*Purple Martin, Northern Purple Martin), *Aris.* '39, 323; *Ark.* '31, 238; *Fla.* '39, 498*; *Md.* '40, 335*, 347*; *Mass.* '31, 566, '34, 391, '39, 178*; *N. Y.* '31, 279*; *N. C.* '37, 457; *O.* '31, 370; *Ont.* '33, 110*; *Pa.* '35, 310; *S. Am.* '40, 426*.—*flight*, '33, 452*; *fd.* '40, 337-338*; *hbt.* '33, 110*; *mig.* '35, 310; *wt.* '38, 442, 515; *wing area*, '38, 515; *misc.* '31, 544*, '35, 482*, '36, 58*, 64*, 87*, 88*, '39, 196*.
- propinquus (Cynanthus), see Cynanthus.
- (Turdus), see Turdus.
- propontidis (Procellaria), see Procellaria.
- Prosopoeia personata** (*Masked Parrot, *Pyrrhulopsis*), *Fiji Is.* '34, 428^b, 429^{ab}.—*aviary*, '37, 573*.
- prospodicola (Cassidix), see Cassidix.
- Prosteganura okadai**, *tax.* '31, 316.
- prostheleuca (Henicorhina), see Henicorhina.
- Prothemadera novae-zeelandiae** (Tui), *N. Z.* '34, 492.
- Protection**, see Conservation.
- Protective adaptations**.
- Cushing, J. E., Jr., '39, 493 (rev.).
- Jones, F. M., '33, 377 (rev.).
- McAttee, W. L., '32, 375-376 (rev.).

- Morrison-Scott, T. C. S., '39, 358 (rev.).
- Sumner, F. B., '36, 112-113 (rev.).
- Protogrus marchi** (^bGrus), fos. '35, 361; tax. '35, 361^b.
- Protonotaria citrea** (^aProthonotary Warbler), Ala. '38, 282^a; Fla. '36, 479^a; Ill. '34, 101; Ia. '40, 128^a; La. '37, 173^a; Mass. '31, 565, 600^a, '35, 93^a; Mich. '31, 612-613^a, '40, 132^a, 277^a; N. J. '31, 434; N. Y. '32, 91^a; N. C. '37, 458; O. '31, 376, 377^a, '34, 386^a, '36, 229, '37, 326; Pan. '31, 121^a; S. C. '36, 314; Wyo. '32, 91.—*cowbird* host, '34, 386^a; hbt. '36, 479^a, '40, 177, 178; nest, '32, 91^a; wt. '37, 326.
- Protostrigidae**, tax. '38, 583.
- Protostrix**, fos. '35, 215.
- lydekkeri** (^bAquila), fos. '35, 215^b, 261^b.
- mimica**, Wyo., fos., '38, 583.
- Province of Quebec Society for Protection of Birds.**
- [Annual report] (rev.), '40, 437.
- provincialis** (Otocompsa), see Otocompsa.
- Provost**, Maurice, and Goellner, E. J. see Goellner and Provost.
- proxima** (Napothera), see Napothera.
- Prunella atrigularis** (^aBlack-throated Hedge Sparrow), Ural Mts. '38, 136^a.
- collaris**, Morocco, '38, 150.
- modularis** (Hedge Accentor), Algeria, '37, 413; Italy, '37, 413; N. Z. '34, 492.—hbt. '40, 177.
- montanella** (Mountain Accentor), Alas. '39, 106.
- Prunellidae**, hbt. '40, 177.
- Psapidoprocnæ**, hbt. '40, 323; misc. '31, 639.
- holomelaena**, Afr. '40, 313.—hbt. '40, 323; nid. '40, 313.
- massaica** (Rough-wing Bank Martin), Afr. '40, 320, 592.—*behav.* '40, 592; *fledg.* '40, 320; *incub.* '40, 320.
- psaltria** (Spinus), see Spinus.
- Psaltriparus californicus** (California Bush-tit), Calif. '31, 430.—*nest*, '31, 430.
- cecaumenorum**, Calif., Mex., Nev., '36, 85.—*dist.*, *plm.*, '36, 85; *misc.* '36, 86.
- dimorphicus**, Mex. '39, 208.—*di-morph.* '39, 208.
- lloydi** (Lloyd's Bush-tit), Mex. '38, 287.
- melanotis** (Black-eared Bush-tit), Guat. '35, 265; Mex. '40, 235, 239.—hbt. '40, 214; *life hist.* '35, 259, 265; *pl.* '35, 258.
- minimus** (^aCoast Bush-tit, Bush-tit), Calif. '31, 27, '35, 429, 430.—*behav.* '39, 262^a; *eye*, '38, 226^a; *hbt.* '31, 27, '39, 257; *misc.* '38, 689^a.
- plumbeus** (Lead-colored Bush-tit, ^bsantaritae), Ariz. '34, 538, '36, 85; Tex. '33, 221.—*plm.* '36, 85; *misc.* '36, 86^b.
- psammmodroma** (Charadrius), see Charadrius.
- Psarisomus cyanicauda**, Siam. '35, 342.
- Pselliophorus**, tax. '37, 212.
- Psephotus**, hbt. '40, 176, 178.
- dissimilis** (Hooded Parakeet), avic. '39, 495.
- haematonotus**, avic. '39, 102; *disease*, '40, 332.
- pulcherrimus** (^aParadise Parrot), *misc.* '36, 364^a.
- Pseudattila**, tax. '37, 230.
- Pseudeos**, '35, 342.
- fuscata** (^bEos), tax. '35, 342^b.
- pseudoaustralis** (Myrmotherula), see Myrmotherula.
- pseudobaetica** (Calandrella), see Calandrella.
- Pseudobulweria**, tax. '36, 362.
- Pseudocalyptomena graueri**, anat. '31, 631; hbt., *hist.*, '33, 23-29; *map*, '33, 24.
- Pseudochelidon**, anat., tax., '39, 105.
- Pseudochloris aureiventris** (Yellow-bellied Ground Finch), Argent. '31, 57.—hbt. '31, 57.
- Pseudociccaba**, tax. '33, 139, '38, 181, 183.
- Pseudodacnis**, tax. '37, 212.
- Pseudogerygone igata** (^aGray Warbler), N. Z. '34, 491, '40, 276^a.—*cuckoo* host, '40, 276^a.
- Pseudogyps africanus** (White-necked Vulture), *misc.* '34, 230.
- Pseudohirundo liberiae**, Liberia, '38, 298.
- pseudohumeralis** (Ptilinopus), see Ptilinopus.
- Pseudoleistes guirahuro** (Yellow-backed Marsh-bird), Bras. '38, 45.—*cowbird* host, '38, 41-45.
- Pseudonestor**, morph. '39, 479.
- Pseudotantalus milne-edwardsi** (^bTantalus), tax. '35, 361^b.
- Pseudotharrhaleus malindangensis**, P. I. '36, 108.
- Pseudotriccus**, Peru, '40, 595.
- pseudo-zosterops** (Randia), see Randia.
- Psilorhinus cyanogenys** (Central American Brown Jay), Guat. '35, 261; Hond. '36, 192.—*colors*, '36, 192; *fig.* '35, 262; *life hist.* '35, 261.
- mexicanus** (Brown Jay), hbt. '35, 259, '40, 214.
- psittacea** (Psittacirostra), see Psittacirostra.
- Psittacella brehmi**, anat. '35, 330.

- Psittacidae**, *Afr.* '38, 681.—*eye*, '38, 238; *hbt.* '38, 478–480.
- Psittaciformes**, *Argent.* '37, 225.—*disease*, '40, 332; *eye*, '38, 238, 241, 242; *hbt.* '40, 176; *misc.* '37, 506, 550, '40, 330.
- Psittacinae**, *disease*, '40, 332.
- Psittacirostra psittacea**, *H. I.* '39, 479–480.—*fig.* '39, 480; *meas.* '39, 480; *syn.* '39, 479–480.
- Psittacula**, *syst.* '34, 276.
- derbyana* (*Derbyan Parakeet, ^b*Palaeornis*), *misc.* '31, 159^{ab}.
- eupatria*, *disease*, '40, 332.
- longicauda*, *hbt.* '38, 479.
- manillensis*, *disease*, '40, 332.
- nipalensis* (Blue Alexandrine Parakeet), *misc.* '40, 271.
- Psittacus erithacus** (Gray Parrot, African Parrot), *misc.* '31, 127, '32, 267.
- spadioccephalus*, *tax.* '32, 86.
- Psittiparus rarus**, *Burma*, '40, 439.
- Psittichas fulgidus** (*Pesquet's Parrot, ^b*pesqueti*), *anat.* '39, 500^{ab}.
- Psittichus**, *syst.* '37, 550.
- Psophia crepitans** (Gray-winged Trumpeter), *misc.* '31, 159.
- dextralis*, *Bras.* '35, 119.
- interjecta*, *Bras.* '37, 562.
- Psophiidae**, *tax.* '31, 635.
- Psophodes leucogaster** (Mallee Black-throated Whip-bird), *Australia*, '39, 497.—*tax.* '33, 256.
- nigrogularis* (*Western Whip-bird), *Australia*, '33, 256, '40, 277^a.
- olivaceus* (Eastern Whip-bird), *misc.* '31, 156.
- Ptarmigan**, see *Lagopus mutus*.
- Allen's, see *Lagopus alleni*.
- Kellogg's, see *Lagopus kelloggae*.
- Northern White-tailed, see *Lagopus leucurus*.
- Rainier White-tailed, see *Lagopus rainierensis*.
- Reinhardt's, see *Lagopus reinhardi*.
- Rock, see *Lagopus rupestris*.
- Ungava, see *Lagopus ungavus*.
- Welch's, see *Lagopus welchi*.
- White-tailed, see *Lagopus leucurus*.
- Willow, see *Lagopus albus* and *L. lagopus*.
- Pternistes tertius**, *Afr.* '34, 122.
- tokora*, *Uganda*, '31, 314.
- tornowi*, *Lake Nyassa*, '34, 122.
- Pterocles caudacutus**, *anat.* '37, 422.
- elliotti*, *dist.* '37, 415.
- enigmaticus*, *tax.* '35, 219.
- exustus*, *dist.* '37, 415.
- floweri*, *Egypt*, '37, 415.
- koslovae*, *tax.* '35, 219.
- nigricans*, *tax.* '35, 219.
- Pteroclididae**, *anat.* '37, 228.
- Pterodroma arminjoniana** (Trinidad Petrel), *N. Y.* '34, 418.
- cahow* (*Bermuda Petrel, Cahow), *Bah. I.* '38, 51; *Bermuda*, '38, 689^a.
- caribbaea*, *misc.* '38, 51.
- hasitata* (Black-capped Petrel, Diablotin), *Dominica*, '39, 73; *Haiti*, '39, 73, '40, 105; *N. Y.* '40, 244; *Va.* '33, 193; *W. I.* '32, 107, 456.—*misc.* '38, 51.
- juana*, *Juan Fernandez*, '36, 247.
- lessoni*, *misc.* '33, 463.
- leucoptera* (*White-breasted Petrel), *Australia*, '40, 275^a, 590^a.—*charac.* '38, 256.
- longirostris*, *misc.* '38, 255.
- madeira*, *misc.* '34, 556.
- masafuerae*, *Off Calif.* '38, 255–256.—*charac.* '38, 256; *dist.* '38, 259; *meas.* '38, 256.
- okahia*, *N. Z.* '36, 247.
- orientalis*, *Alas.* '34, 77.
- solandri* (*Norfolk Island Petrel, ^b*melanopus*), *misc.* '35, 121^{ab}.
- tristiani*, *Tristan da Cunha*, '32, 510.
- Pteroglossus esperanzae**, *Mex.* '39, 353.
- torquatus*, *Hond.* '36, 191.—*colors*, '36, 191.
- vergens*, *Bras.* '37, 562.
- Pterophanes cyanopterus**, *Ecuad.* '34, 148.
- Pterorhinus davidi** (^b*Garrulax*), *China*, '39, 91.—*tax.* '39, 91^b.
- Pterylosis**.
- Compton, L. V., '38, 690 (rev.).
- DeMay, Ida S., '40, 431 (rev.).
- Fisher, H. I., '39, 407–410.
- Gross, W. A. O., '35, 392.
- Hutt, F. B., and Ball, Lelah, '38, 651–657.
- Kelso, L., and Kelso, Estelle H., '36, 51–56.
- Lowe, P. R., '34, 110 (rev.).
- Peters, J. L., '37, 566 (rev.).
- Welter, W. A., '37, 229–230 (rev.).
- Wetmore, A., '36, 159–169.
- Ptilinopus pseudohumeralis**, *N. Guinea*, '38, 696.
- Ptiligonatidae**, *eye*, '38, 240.
- Ptilogonys cinereus** (Mexican Ptilogonys), *Mex.* '40, 236, 240.
- otofuscus*, *Mex.* '35, 342.
- Ptilogonys, Mexican, see Ptilogonys cinereus.
- Ptilonorhynchus violaceus** (*Satin Bowerbird), *eye*, '38, 577; *hbt.* '40, 127, 130^a, 432^a, 437^a; *plm.* '38, 577, '40, 432^a.
- Ptiloprora granti**, *N. Guinea*, '31, 313.
- Ptilorhoa**, *descr., type*, '40, 94^a.
- amabilis*, *Papua*, '40, 94.—*tax.* '40, 94.
- bürgersi*, *Papua*, '40, 94.—*tax.* '40, 94.

- caerulescens*, *Papua*, '40, 94.—*tax.* '40, 94.
castanotus, *Papua*, '40, 94.—*tax.* '40, 94.
centralis, *Papua*, '40, 94.—*tax.* '40, 94.
geislerorum, *Papua*, '40, 94.—*tax.* '40, 94.
leucostictus, *Papua*, '40, 94.—*tax.* '40, 94.
loriae, *Papua*, '40, 94.—*tax.* '40, 94.
mayri, *Papua*, '40, 94.—*tax.* '40, 94.
neumanni, *Papua*, '40, 94.—*tax.* '40, 94.
nigricrissus, *Papua*, '40, 94.—*tax.* '40, 94.
par, *Papua*, '40, 94.—*tax.* '40, 94.
pulcher, *Papua*, '40, 94.—*tax.* '40, 94.
saturatus, *Papua*, '40, 94.—*tax.* '40, 94.
sibilans, *Papua*, '40, 94.—*tax.* '40, 94.
Ptiloxena atrovioacea, *Cuba*, '40, 203, 204.—*plm.*, *wt.*, '40, 196.
Ptushenko, E., and Dementiev, G.
see Dementiev and Ptushenko.
Ptychoramphus aleuticus (*Cassin's Auklet), *Ore.* '33, 216^a.—*misc.* '39, 152^a.
Ptyonoprogne rufigula (Rock Martin), *Afr.* '40, 320.—*fledg.* '40, 320; *hbt.* '40, 314; *incub.* '40, 320, 323.
pubescens (Dryobates), see Dryobates.
Pucheranphus, *tax.* '35, 348.
Pucrasia meyeri, *misc.* '32, 270.
Puerto Rico.
Barnes, V., Jr., '36, 350–351.
Danforth, S. T., '36, 323, '37, 558 (rev.), '38, 124–125, 528, 667, 668.
Spaulding, Nina G., '31, 426–427, '38, 155 (rev.).
Wetmore, A., '32, 341, '38, 52–55, 277.
Puff-bird, Collared, see *Bucco collaris*.
Puffin, see *Fratercula arctica*.
Atlantic, see *Fratercula arctica*.
Horned, see *Fratercula corniculata*.
Tufted, see *Lunda cirrhata*.
Puffininae, *tax.* '36, 236.
Puffinus, *P. I.* '38, 173.—*morph.* '32, 512; *mlt.* '31, 638; *tax.* '37, 110; *misc.* '37, 565.
auricularis (Townsend's Shearwater), *tax.* '35, 484.
borealis (*Cory's Shearwater), *Mass.* '33, 91^a, '39, 176, 177^a; *Vt.* '39, 177^a.
byroni (^bReinholdia, ^cbyroni), *nomen.* '37, 416^{be}.
creatopus (Pink-footed Shearwater), *dist.*, *fd.*, '39, 140.
diatomicus, *Calif.*, *fos.*, *meas.*, '40, 105.
gravis (*Greater Shearwater, Hag-

- down), *Atlantic*, '32, 186, '38, 583^a; *Labr.* '37, 15; *Mass.* '39, 177^a; *N. S.* '37, 15; *Vt.* '39, 177^a; *Va.* '34, 507.—*flight*, '40, 75–76^a; *hbt.* '38, 320; *misc.* '40, 75^a.
griseus (*Sooty Shearwater), *Atlantic*, '32, 186; *C. R.* '32, 496; *Labr.* '37, 15; *Mass.* '33, 91^a; *N. C.* '31, 105, '37, 452, '38, 130; *N. S.* '37, 15; *Tasman I.* '36, 475; *Va.* '33, 192.
inceptor, *Calif.*, *fos.*, '31, 148.
leptorhynchus, *Australia*, '38, 576.—*misc.* '38, 584.
therminieri (*Audubon's Shearwater, ^bobscurus, ^cfloridanus, ^dauduboni, ^eparvus), *Bah. I.* '38, 51; *Mass.* '38, 119; *N. J.* '40, 244; *N. Y.* '39, 73; *N. C.* '31, 106, '38, 130; *V. I.* '38, 553; *Va.* '33, 193.—*fos.* '35, 361^a; *hist.* '31, 198–206; *meas.* '38, 119; *nomen.* '31, 198–206^{bed}.
opisthomelas (Black-vented Shearwater), *tax.* '35, 484.
puffinus (*Manx Shearwater, ^bmcgalli), *Atlantic*, '32, 186; *Bah. I.* '38, 51; *Scilly Is.* '38, 569^a; *Wales*, '39, 486^a, '40, 72^a.—*behav.* '38, 575^a, '40, 72^a; *dist.* '33, 201; *fos.* '35, 361^b; *hbt.* '36, 320–321; *misc.* '35, 484, 484^a, '36, 121^a.
reinholdi (^bProcellaria, ^cReinholdia, ^dgavia), *tax.* '37, 416^{bed}.
subularis (Galapagos Shearwater), *misc.* '37, 148.
tenuirostris (Slender-billed Shearwater, Mutton-Bird), *L. C.* '38, 693.—*anat.* '37, 571, '38, 157–158; *dist.* '39, 140; *fd.* '39, 140; *misc.* '34, 276.
yelkouan, *dist.* '38, 695.
pugnax (Philomachus), see *Philomachus*.
puguensis (Cyanomitra), see *Cyanomitra*.
— (Illadopsis), see *Illadopsis*.
puii (Calandrella), see *Calandrella*.
pulchellus (Smaragdolanus), see *Vireolanius*.
— (Vireolanius), see *Vireolanius*.
pulcher (Ptilorhoa), see *Ptilorhoa*.
pulcherrimus (Psephotus), see *Psephotus*.
pulitzeri (Macrosphenus), see *Macrosphenus*.
pullaria (Agapornis), see *Agapornis*.
pullus (Ixobrychus), see *Ixobrychus*.
— (Nannus), see *Nannus*.
— (Sclerurus), see *Sclerurus*.
— (Thryophilus), see *Thryophilus*.
Pulsatrix, *tax.* '34, 234, '39, 203; *misc.* '36, 56.
austini, *C. R.* '39, 203.
boliviana, *Bol.* '34, 269.—*dist.* '35, 451; *tax.* '34, 236.
chapmani, *ear.* '38, 186; *plm.* '37, 304; *tax.* '34, 235.

- ecuadoreana*, *Ecuad.* '39, 203.
koenigswaldiana, *ear.* '38, 186; *tax.* '34, 236.
melanonota, *ear.* '38, 186; *tax.* '34, 236.
perspicillata, *tax.* '34, 235, '39, 203.
pintoi, *Bras.* '40, 128.
pulsatrix, *tax.* '34, 235.
saturata, *Hond.* '36, 190.—*colors.* '36, 190; *fd.* '36, 190; *plm.* '37, 304; *tax.* '34, 235.
sharpai, *tax.* '33, 460.
trinitatis, *tax.* '34, 235.
pulsatrix (*Pulsatrix*), see *Pulsatrix*.
pulverius (*Empidonax*), see *Empidonax*.
Pumfrett, D. G.
Heron and cattle (rev.), '37, 226.
pumilus (*Otus*), see *Otus*.
Pumyea, Nelson DeWitt.
Prairie horned lark breeding at Mt. Holly, N. J., '33, 438.
punctata (*Nettion*), see *Nettion*.
punctatus (*Phalacrocorax*), see *Phalacrocorax*.
— (*Thamnophilus*), see *Thamnophilus*.
puncticeps (*Dysithamnus*), see *Dysithamnus*.
— (*Thamnophilus*), see *Thamnophilus*.
punctigula (*Xiphorhynchus*), see *Xiphorhynchus*.
punctulatus (*Catherpes*), see *Catherpes*.
punicea (*Pyrrhospiza*), see *Pyrrhospiza*.
Purdue University.
[Acquires Amos W. Butler bird collection], '40, 136.
purpurascens (*Hypoleucis*), see *Hypoleucis*.
— (*Penelope*), see *Penelope*.
purpurea (*Ardea*), see *Ardea*.
Purpureicephalus *spurius* (King Parrot), *W. Australia*, '38, 697.
purpureus (*Carpodacus*), see *Carpodacus*.
purus (*Heleodytes*), see *Heleodytes*.
pusilla (*Compsothlypis*), see *Compsothlypis*.
— (*Loxia*), see *Loxia*.
— (*Pyromelana*), see *Pyromelana*.
— (*Sitta*), see *Sitta*.
— (*Sitta*), see *S. caniceps*.
— (*Spizella*), see *Spizella*.
— (*Wilsonia*), see *Wilsonia*.
pusillula (*Melospiza*), see *Melospiza*.
pusillus (*Ereunetes*), see *Ereunetes*.
— (*Picumnus*), see *Picumnus*.
pustulatus (*Icterus*), see *Icterus*.
Putzig, P.
Von der Beziehung des Zugablaufs zum Inkretdrüsensystem (rev.), '38, 154.
Ueber den Zug nach Altersklassen bei der Saatkrähe (*Corvus frugilegus*

- L.) auf der Kurischen Nehrung (rev.), '38, 307.
Der Frühwegzug des Kiebitzes (*Vanelus vanellus* L.) unter Berücksichtigung anderer Limicolen (rev.), '38, 579.
Zum Zuge der Zwergmöwe, *Larus minutus* Pall. im Gebiet der Kurischen Nehrung (rev.), '38, 579.
Ueber das Zugverhalten umgesiedelter englischer Stockenten (*Anas p. platyrhynchos*) (rev.), '39, 107.
Vom Storchzug 1938 (rev.), '39, 205.
Weitere Versuche über die Beziehungen der Keimdrüse zum Zugverhalten (rev.), '39, 205.
Zur Variationsbreite der Masse von *Larus canus* (rev.), '39, 358.
Rauschschwalben-Sterben durch Zecken (*Ixodidae*) verursacht (rev.), '39, 358.
Pycnonotidae, *Afr.* '40, 319; *Indian Arch.* '36, 250, 477.—*dist.* '34, 427; *incub.* '40, 322, 323.
Pycnonotus, *Malaysia*, '36, 122.—*hbt.* '40, 314, 319, 323.
goiavier (*Guava Bulbul*), *P. I.* '38, 217.—*hbt., nid.* '38, 217.
micrus, *Afr.* '40, 319.—*fledg., incub.* '40, 319.
naumanni, *Afr.* '34, 560.
nigricans, *Afr.* '40, 319.—*fledg., incub.* '40, 319.
tricolor, *Afr.* '40, 319.—*fledg., incub.* '40, 319.
xanthopygos (*Palestine Bulbul*), *Jerusalem*, '33, 183.
Pyelorchamphus, *descr.* '32, 39*.
molothroides, *N. M.* '32, 39*.—*fos.* '32, 38–41; *pl.* '32, 39.
pygargus (*Circus*), see *Circus*.
pygmaea (*Aethia*), see *Aethia*.
— (*Pipra*), see *Pipra*.
pygmaeus (*Empidonax*), see *Empidonax*.
Pygmornis *ruber*, *misc.* '35, 124.
Pygochelidon *cyanoleuca*, *Argent., Parag.* '38, 407.—*mig.* '38, 407.
patagonica, *Argent., Parag.* '38, 407.—*mig.* '38, 407.
Pygopodes, *ost.* '35, 360; *misc.* '40, 586.
Pygoscelis *adellae* (*Adelie Penguin, ^b*Catarrhactes*, ^a*Pucheranphus*), *Antarctic*, '37, 149^a, 152^a, 154–155; *S. Orkneys*, '36, 460^a.—*behav.* '40, 170, 175^a, 177; *fd.* '37, 149^a; *meas.* '37, 155; *mortality of yng.* '36, 460^a; *plm.* '37, 154–155; *tax.* '35, 348^b; *wt.* '37, 155; *misc.* '35, 260, '37, 148, 158^a.
antarctica (*Ringed Penguin, ^b*Aptenodytes*), *S. Orkneys*, '36, 460^a.—*hbt.* '36, 460^a; *tax.* '35, 219^b.

- papua* (Gentoo Penguin), *feather count*, '36, 159.
- Pyrgilauda isabellina*, *Tibet*, '32, 265.
- ventorum*, *Tibet*, '32, 265.
- Pyrocephalus*, *Galap. Is.* '40, 176.—*hbt.* '40, 176.
- flammeus*, *Mex.* '38, 287.—*tax.* '34, 548.
- mexicanus* (*Vermilion Flycatcher, *rubinus*), *La.* '35, 187^b; *Mex.* '35, 421^a.—*song*, '39, 188, 189, '40, 117^a; *tax.* '34, 548.
- rubinus* (Vermilion Flycatcher), *Mex.* '40, 236, 239.
- strigilatus*, *Bol.* '37, 406.
- Pyroderus*, *Peru*, '37, 230.
- Pyromelana* (*Bishop-bird), *Afr.* '37, 216.—*behav.* '38, 579^a; *misc.* '39, 352.
- flammeiceps* (*Red Bishop), *Afr.* '37, 216^a.—*hbt.* '37, 216^a.
- franciscana* (*Orange Weaver), *Afr.* '40, 487.—*behav.* '38, 579^a; *fd.* '40, 487; *mt.* '40, 487–497; *plm.* '37, 570, '40, 488; *wt.* '40, 490; *misc.* '36, 119.
- pusilla*, *Afr.* '40, 496.—*plm.* '40, 496.
- Pyrotrogon malabaricus* (*Malabar Trogon), *India*, '37, 419^a.—*nest*, '37, 419^a.
- Pyrrhonorax graculus*, *Morocco*, '38, 150.—*misc.* '34, 121.
- pyrrhonorax*, *Morocco*, '38, 150.—*behav.* '40, 173, 176; *misc.* '34, 121.
- Pyrrholaemus brunneus*, (*Red-throat), *hbt.* '33, 393^a.
- Pyrrhomyias*, *Peru*, '40, 277.
- spadix*, *Venez.* '39, 501.
- pyrrhonota* (Petrochelidon), see *P. albifrons*.
- pyrrhophanus* (Cacomantis), see *Cacomantis*.
- pyrrhopterus* (Icterus), see *Icterus*.
- (*Lycocorax*), see *Lycocorax*.
- pyrrhopygia* (Hylacola), see *Hylacola*.
- Pyrrhospiza punicea* (Rose Finch), *dimorph.* '37, 565.
- Pyrrhula*, *hbt.* '40, 177.
- europa* (*Bullfinch), *Finl.* '37, 566^a.—*disease*, '40, 332; *hbt.* '37, 220^a, 225^a; *mig.* '37, 566^a; *note*, '40, 276^a; *plm.* '37, 252^a; *misc.* '39, 256^a.
- pyrrhula* (Bullfinch), *Czechoslovakia*, '39, 100.
- Pyrrhuloxia sinuata* (Arizona Pyrrhuloxia, *fulvescens*), *nomen*, '34, 549^b.
- texana* (Texas Pyrrhuloxia, *Cardinalis*, *sinuatus*), *Tex.* '33, 63.—*nomen*, '34, 549^b.
- Pyrrhuloxia*, *Arizona*, see *Pyrrhuloxia sinuata*.
- Texas*, see *Pyrrhuloxia texana*.
- Pyrrhoglaux*, *tax.* '38, 699.
- Pytelia*, *host*, '38, 135, 138.

Q

- quadratus* (Calohierax), see *Calohierax*.
- Quail*, see *Colinus virginianus*.
- Arizona Scaled*, see *Callipepla pallida*.
- Brown*, see *Synoicus australis*.
- California*, see *Lophortyx californica*.
- California Valley*, see *Lophortyx californica*.
- Gambel's*, see *Lophortyx gambeli*.
- Island Painted*, see *Excalfactoria lineata*.
- Montezuma*, see *Cyrtonyx montezumae*.
- San Lucas*, see *Lophortyx achrustera*.
- San Quintin*, see *Lophortyx plumbea*.
- Scaled*, see *Callipepla pallida*.
- Quail-dove*, *Bridled*, see *Oreopeleia mystacea*.
- Key West*, see *Oreopeleia chrysia*.
- Puerto Rican*, see *Oreopeleia larva*.
- Ruddy*, see *Oreopeleia montana*.
- quanzae* (Zosterops), see *Zosterops*.
- Quay*, Thomas Lavelle.
- Starlings summer in Arkansas*, '38, 674–675.
- Quebec.**
- Ball*, S. C., '39, 99 (rev.), 200 (rev.).
- Bond*, J., '37, 102.
- Brassard*, J. A., '38, 667.
- Brassard*, J. A., and *Bernard*, R., '37, 514–515.
- Braund*, F. W., and *McCullagh*, E. P., '40, 587 (rev.).
- Cannon*, D. G., '39, 353 (rev.).
- Cleghorn*, J. D., '38, 121, '40, 114.
- Crowell*, S., '35, 86.
- Gabrielson*, I. N., '39, 102 (rev.).
- Graham*, H. E., '40, 432 (rev.).
- Gross*, A. O., '31, 511, '35, 310, '37, 12–42.
- Johnson*, R. A., '32, 219, '38, 303 (rev.).
- La Brie*, W., '39, 496 (rev.).
- Langelier*, G., '40, 273 (rev.).
- Lewis*, H. F., '31, 207–214, 605–606, '35, 313, '37, 74–94, '39, 204 (rev.), '40, 273 (rev.).
- May*, J. B., '35, 178.
- Mousley*, W. H., '31, 547–552, '34, 439–445, '35, 408–411, '36, 377–380, '37, 445–451, 544, '38, 152 (rev.), '39, 129–133.
- Murphy*, R. C., and *Vogt*, W., '33, 326.
- Spingarn*, E. D. W., '34, 27–36.
- Taverner*, P. A., '31, 603–604, '40, 402–403.
- Terrill*, L. McI., '31, 169–174.
- Todd*, W. E. C., '38, 661–662.
- Tufts*, R. W., '40, 277 (rev.).
- White*, E. F. G., and *Lewis*, H. F., '37, 440–444.

- Wynne-Edwards, V. C., '33, 360, '38, 158 (rev.), '39, 209 (rev.), '40, 133 (rev.).
- Young, C. J., '31, 240-246.
- Quelea pallida**, Kenya, '32, 130.
- quelea**, *hbt.* '38, 135.
- quelea** (Quelea), see Quelea.
- quercinus** (Otus), see Otus.
- (Vireolanius), see Vireolanius.
- Quercyrallus**, *tax.* '34, 262.
- Querquedula cyanoptera** (*Cinnamon Teal), Cuba, '40, 412; Kans. '34, 81; Mex. '35, 424^a; Mich. '31, 109, 414; Peru, '38, 273^a; S. C. '33, 210; Wisc. '40, 424.—*eclipse*, '38, 273^a; *flight*, '33, 313^a.
- discors** (*Blue-winged Teal), Ala. '32, 105; Antigua, '39, 305; Conn. '34, 512; Del. '34, 384; Fla. '31, 247^a; Ill. '32, 462^a; Ind. '33, 370; Ia. '37, 534, '38, 565^a; '39, 36, 37^a; Labr. '39, 352^a; La. '34, 328-337, '40, 92, 93^a; Md. '32, 191-198; Mass. '32, 441-444^a; '34, 512; Mex. '38, 565^a; Mich. '31, 414-415^a, '37, 311; Minn. '40, 515; N. H. '31, 615, '33, 354; N. J. '32, 215; N. Y. '36, 446^a; '39, 472; O. '31, 373; Ont. '39, 472; Pa. '31, 110, 113^a; P. R. '36, 351; S. Am. '40, 426^a; Utah, '37, 99-100; Va. '31, 110, '33, 354^a; W. I. '37, 108; W. Va. '36, 97, '38, 128, 130; Wisc. '35, 101^a, '40, 424^a.—*band*, '34, 328-337, '40, 92; *behav.* '37, 99-100; *ecol.* '38, 565^a; *egg*, '40, 56^a; *flight*, '38, 298^a; *hbt.* '32, 191-198, '33, 354^a; *incub.* '38, 565^a, '40, 56^a, 58^a; *life hist.* '38, 565; *mig.* '39, 134^a; *nest.* '32, 195, '34, 384; *paras.* '40, 514-516; *pheasant host*, '38, 565^a; *sex ratio*, '34, 332, '38, 565^a, '40, 92, 93^a; *voice*, '31, 110, 615; *wt.* '31, 572, '38, 516; *wing area*, '38, 516; *misc.* '37, 359^a, '39, 216^a.
- querquedula** (*Anas), Switz. '35, 487^b.
- querquedula** (Anas), see Querquedula.
- (Querquedula), see Querquedula.
- querula** (Zonotrichia), see Zonotrichia.
- Quetzal**, see Pharomacrus mocinno.
- Quillin, Roy William**.
- New bird records from Texas, '35, 324-325.
- Quinn, Davis**.
- Framing the birds of prey (rev.), '36, 356-357.
- Quiscalus**, *nomen.* '39, 364-365, 505-506; *tax.* '36, 405-417, '40, 225-233; *misc.* '37, 162.
- aeneus** (*Bronzed Grackle, ^bquiscula, *versicolor), Ala. '39, 29; Ark. '31, 238; Conn. '32, 360^a, '40, 232^a; Great Lakes, '32, 235^a; Ill. '31, 61, '39, 451-455;

- Ind. '34, 538^a; Kans. '34, 538^a; La. '35, 418, '36, 405-417, '39, 28-31, '40, 225, 408; Me. '38, 144^a; Miss. '36, 413^a, '39, 28-31; Mont. '32, 228, '34, 384, '36, 230^a; N. B. '35, 195; N. Y. '36, 446^a, '40, 230-233^b; N. D. '31, 61; O. '31, 372, '35, 91; Okla. '39, 481; Ont. '39, 17, 18^a; Que. '31, 243^a, '37, 38; S. C. '36, 315; Tex. '31, 61, '36, 413^a; W. Va. '40, 229.—*alb.* '39, 481; *descr.* '39, 364-365; *destr.* '39, 451-455; *dist.* '36, 405-417, '39, 28-31, '40, 225-233; *flight*, '33, 316^a; *hbt.* '31, 61, '35, 91, '36, 416-417; *hyb.* '36, 413-414, '40, 227; *intergrad.* '36, 410-411, '39, 28-31, '40, 231-233^a; *iris*, '32, 96; *mig.* '39, 17, '40, 87, 226; *nomen.* '39, 364-365^b, 505-506^a; *note*, '39, 233; *plm.* '39, 505^a; *song*, '38, 304^a; *tax.* '35, 21-29; *wt.* '38, 422^a, 444^b; *misc.* '34, 279^a.
- aglaeus** (*Florida Grackle, ^bquiscula) Ala. '39, 30; Fla. '31, 246^a, 247^a, 252^b, '40, 227-228^b; Ga. '34, 91, '40, 228^b; La. '35, 418^b, '36, 405-416, '37, 293, '39, 30, '40, 228^b; Md. '40, 229^b; Miss. '39, 30, '40, 228^b; N. C. '37, 459; S. C. '34, 91, 537, '36, 314, 315^a, '40, 229^b; Va. '37, 462.—*dist.* '36, 405-416, '39, 28-31; *nest.* '34, 91; *nomen.* '39, 364^b; *plm.* '40, 228-229^b; *tax.* '35, 21-29.
- quiscula** (*Purple Grackle, ^bGracula), Bermuda, '38, 689^a; La. '40, 408; Mass. '31, 566; N. Y. '36, 284^a; R. I. '34, 384.—*blood*, '37, 518; *feather count*, '36, 168^a; *flight*, '33, 452^a; *intergrad.* '39, 30-31; *iris*, '32, 96, '34, 527; *mig.* '40, 87; *myol.* '38, 642; *nomen.* '36, 314, '39, 364^b; *tax.* '35, 21-29; *wt.* '38, 516, 652; *wing area*, '38, 516; *misc.* '34, 279^a, '38, 140^a, '39, 505^b, '40, 435^a.
- ridgwayi** (*Ridgway's Grackle), Ala. '39, 30; Conn. '40, 232; D. C. '40, 229; La. '35, 418-420, '36, 405-415; Md. '40, 229; Miss. '39, 30; N. J. '40, 230-232; N. Y. '39, 31, '40, 230-233; Tenn. '39, 30, '40, 228; W. Va. '40, 229.—*dist.* '36, 405-415, '39, 28-31; *intergrad.* '36, 410-411, '39, 28-31, '40, 231-233^a; *nomen.* '35, 24-25, '39, 364; *origin*, '36, 413-415, '40, 227-233.
- stonei** (*Stone's Grackle), Ala. '40, 228; D. C. '40, 229; La. '35, 418-420, '36, 405-417, '39, 30, '40, 225, 228; Md. '40, 229; Miss. '39, 30, '40, 228; N. J. '35, 25^a, '36, 407, '40, 230-232; N. Y. '40, 225, 230-233; Tenn. '39, 30, '40, 228; W. Va. '40, 229.—*dist.* '36, 405-417, '39, 28-31, '40, 225-233; *hbt.* '36, 416-417; *hyb.* '36, 413-415, '40, 227; *intergrad.* '36, 407-413, '39, 30, '40, 225-233; *nid.* '36, 416-417;

- nomen*. '39, 364; *origin*. '36, 406-407, '40, 227; *plm*. '36, 408-409.
quiscula (Gracula), see *Quiscalus*.
 — (*Quiscalus*), see *Quiscalus*, *Q. aeneus* and *Q. aglaeus*.
quixensis (Microrhopias), see *Microrhopias*.
Quoyornis mimika, *N. Guinea*, '32, 510.

R

Racey, Kenneth.

- White pelican (*Pelecanus erythrorhynchos*) in British Columbia, '33, 205.
radiatus (*Gymnogenys*), see *Gymnogenys*.
radiolosus (*Neomorphus*), see *Neomorphus*.

Rail, Antigua Clapper, see *Rallus manglecola*.

Black, see *Creciscus stoddardi*.

Blue-breasted, see *Rallus striatus*.

California Clapper, see *Rallus obsoletus*.

Caribbean Clapper, see *Rallus caribaeus*.

Clapper, see *Rallus crepitans* and *R. longirostris*.

DeBooy's, see *Nesotrochis debooyi*.

Flightless Land, see *Leguatia gigantea*.

Florida Clapper, see *Rallus scotti*.

King, see *Rallus elegans*.

Land, see *Crex crex*.

Little Black, see *Creciscus stoddardi*.

Louisiana Clapper, see *Rallus saturatus*.

Northern Clapper, see *Rallus crepitans*.

Pectoral, see *Rallus philippensis*.

Philippine, see *Rallus torquatus*.

Philippine Ashy, see *Poliolimnas colingwoodi*.

Ruddy, see *Porzana fusca*.

Sora, see *Porzana carolina*.

Virginia, see *Rallus limicola*.

Wayne's Clapper, see *Rallus waynei*.

Yellow, see *Coturnicops noveboracensis*.

Rainbow-bird, see *Merops ornatus*.

rainierensis (*Lagopus*), see *Lagopus*.

Rallicrox, *tax*. '34, 262.

kolovárensis, *fos*. '34, 262.

Rallidae, *Afr*. '40, 438.—*eye*. '38, 238; *nid*. '38, 199; *paras*. '40, 517.

Rallimorphae, *tax*. '31, 634.

Rallina fasciata, *misc*. '31, 642.

susukii, *misc*. '31, 642.

ralloides (*Ardeola*), see *Ardeola*.

Rallus aquaticus, *hbt*. '40, 175, 178.

belizensis, *Br. Hond*. '38, 306.

caribaeus (Caribbean Clapper Rail),

V. I. '38, 553.

crepitans (*Northern Clapper Rail,

Clapper Rail), *N. H.* '34, 391; *N. J.* '40, 27*, 29*; *N. Y.* '39, 179*; *N. C.* '37, 453; *Va.* '38, 411-415.—*behav*. '38, 411-415; *egg*. '40, 56*; *incub*. '40, 56*, 58*; *nest*. '37, 453, '38, 411-414; *pl*. '38, 414; *tax*. '38, 306; *misc*. '37, 186.

elegans (*King Rail), *Ark*. '36, 455;

Fla. '31, 247*, 249, '36, 479*; *Ia.* '39,

36; *La.* '34, 399; *Mass.* '31, 130, '34,

246; *Mich.* '39, 235, '40, 156; *N. Y.*

'39, 179*; *N. C.* '37, 462; *O.* '31, 367,

'36, 228; *Okla.* '38, 503; *Ont.* '32, 100,

'40, 109-110; *Pa.* '31, 113*, '32, 234;

Tex. '38, 64, 133; *Va.* '40, 566; *W. Va.*

'34, 249, '38, 128.—*hbt*. '36, 479*; *nid*.

'40, 156; *wt*. '38, 516; *wing area*. '38, 516.

insulsus, *N. Guinea*, '35, 207.

limicola (*Virginia Rail, *virginianus*),

Ala. '33, 369; *Calif.* '38, 308*; *Ia.*

'39, 36; *Md.* '32, 80; *Mich.* '37, 310, 311,

464-474, '39, 235*, 236*, '40, 156, 162,

168*; *N. S.* '38, 549; *O.* '31, 375*, '36,

228; *Pa.* '31, 113*, '37, 535-536; *Que.*

'38, 152*; *Tex.* '33, 62; *W. Va.* '34,

249, '35, 483*, '38, 128.—*aviary*, '33,

121*; *behav*. '37, 473, '38, 308*, '40,

166*; *egg*. '37, 470, 535; *incub*. '37, 465,

535; *injury-feigning*, '37, 464; *mig*. '37,

464-465; *nid*. '37, 464-474, 535, '38,

152*, '40, 156, 592*; *pl*. '37, 464, 472;

plm. '37, 472; *voice*, '37, 472; *wt*. '31,

573*, '37, 471-472, '38, 515, '40, 164*;

wt. of egg, '37, 468-470; *wing area*, '38,

515; *yng*. '37, 470; *misc*. '39, 234, '40,

167*.

limnetis, *P. R.* '38, 306.

longirostris (Clapper Rail), *Tex.* '33,

62, '38, 64-65, 306.—*dist*. '38, 306;

meas. '33, 62; *mlt*. '38, 306.

manglecola (Antigua Clapper Rail),

Antigua, '34, 268, 357, '35, 120.

obsoletus (*California Clapper Rail),

misc. '40, 130*.

pectoralis, *Australia*, '37, 108-109.—

hbt. '37, 109.

pelodramus, *Trin.* '38, 306.

philippensis (*Pectoral Rail), *P. I.*

'38, 205.—*hbt*. *nid*. '38, 205, 206*.

rhizophorae, *Mex.* '31, 308, 460.

saturatus (Louisiana Clapper Rail),

Tex. '38, 64-65.

scotti (Florida Clapper Rail), *misc*.

'35, 463.

striatus (Blue-breasted Rail), *P. I.*

'38, 204-205.—*hbt*. *nid*. '38, 204-205.

torquatus (Philippine Rail), *P. I.*

'38, 205-206.—*hbt*. *nid*. '38, 205-206.

waynei (Wayne's Clapper Rail), *S.*

C. '40, 413.

zetarius (**pacificus*), *nomen*. '34,

540, 540*.

- ramenta (Falco), see Falco.
- Ramphastos brevicarinatus**, *Hond.* '36, 190.—*colors*, '36, 190.
intermedius, *Guat.* '36, 240.
oblitus, *Bras.* '37, 562.
osculans, *misc.* '33, 383.
swainsoni, *Hond.* '36, 190.
- Ramphocelus** (^bRhamphocelus), *tax.* '32, 199–203, '34, 122^b.
affinis, *tax.* '32, 199–203.
albirostris, *Pan.* '33, 307*.—*meas.* '33, 308; *nomen.* '37, 213.
brasilus (Brazilian Scarlet Tanager), *Bras.* '31, 56.—*hbt.* '31, 53, 56.
chrysonotus, *tax.* '32, 199–203.
chrysoterpis, *tax.* '32, 199–203.
dimidiatus, *dist.* '33, 306; *meas.* '33, 308; *tax.* '33, 306.
dunstalli, *tax.* '32, 199–203.
festae, *tax.* '32, 199–203.
inexpectatus, *tax.* '32, 199–203.
isthmicus, *dist.* '33, 307; *meas.* '33, 308; *tax.* '33, 307.
limatus, *tax.* '33, 308.
luciani, *tax.* '32, 199–203.
magnirostris (Large-billed Tanager), *Trin.* '38, 44.—*cowbird host*, '38, 41–44.
pallidirostris, *nomen.* '37, 213.
passerini, *Hond.* '36, 193.—*colors*, '36, 193.
uropygialis, *tax.* '32, 199–203.
- Rand**, Austin Loomer.
 Testicular asymmetry in the Madagascar coucal, '33, 219–220.
 On paired ovaries, '35, 329–330.
 The rediscovery of the nuthatch Daphnositta with notes on its affinities, '36, 306–310.
 Results of the Archbold Expeditions (rev.), No. 12, '37, 111; Nos. 19–22, '38, 696–697; Nos. 25–27, '40, 593.
 The distribution and habits of Madagascar birds (rev.), '37, 214–216.
 A modern bird fatality, '38, 547.
 Courtship of the magnificent bird of paradise (rev.), '40, 437.
- Rand**, A. L., and **Archbold**, R.
 see Archbold and Rand.
- Rand**, A. L., and **Mayr**, E.
 see Mayr and Rand.
- randi* (Sericornis), see Sericornis.
- Randia pseudo-zosterops**, *Mad.* '31, 468.
- Raney**, Edward Cowden.
 Robin and mourning dove use the same nest, '39, 337–338.
- Ransom**, Webster Hamilton.
 Yellow rail (Coturnicops noveboracensis) recorded in the State of Washington (rev.), '39, 205.
- Raphus ineptus** (^aDodo), *specimens*, '38, 572; *misc.* '37, 215*, '38, 302*.
- Rapp**, Frederick William.
 Bird list of Vicksburg, Michigan (rev.), '31, 461.
- Rapp**, William Frederick, Jr.
 A heronry in northern New Jersey, '40, 106.
- raptor (Saltator), see Saltator.
- rara (Grallaricula), see Grallaricula.
- (Phytotoma), see Phytotoma.
- rarum (Glaucidium), see Glaucidium.
- rarus (Otus), see Otus.
- rasus (Psittiparus), see Psittiparus.
- rathbuni (Perisoreus), see Perisoreus.
- Ratitae**, '40, 586.
- Raucourt**, M., and **Chappellier**, A.
 see Chappellier and Raucourt.
- Raven**, Harry Cushier.
 Wallace's line and the distribution of Indo-Australian mammals (rev.), '36, 107.
- Raven, see Corvus corax, C. principalis, and C. sinuatus.
 American, see Corvus sinuatus.
 Australian, see Corvus coronoides.
 European, see Corvus corax.
 Northern, see Corvus principalis.
 Southeastern, see Corvus principalis.
 Western, see Corvus sinuatus.
 White-necked, see Corvus cryptoleucus.
- Raz**, George Francis.
 Notes from Berrien County, Michigan, '35, 200–201.
- Razorbill, see Alca torda.
- Reading**, D. K., and **Hayes**, S. P., Jr.
 Notes on the nesting and feeding of a pair of black-throated green warblers, '33, 403–407.
- Rebell**, Gerbert.
 Blue geese (Chen caerulescens) on the Tuckerton, New Jersey, marshes, '35, 182.
- Rectes tenebrosus**, *tax.* '33, 380.
- Recurvirostra americana** (^aAvocet, American Avocet, ^bAvocetta), *Fla.* '33, 100*, '35, 82^b, '37, 538; *Ga.* '31, 281; *Ill.* '36, 328–329, '37, 538; *Ia.* '35, 84*, '37, 538; *Mass.* '36, 330–331, '37, 538; *N. J.* '33, 100; *N. C.* '35, 185, '37, 538; *O.* '37, 538; *Okla.* '38, 504; *Pa.* '37, 538; *S. C.* '31, 281, '38, 277; *Tex.* '35, 99; *Utah*, '37, 389*; *Va.* '33, 195.—*wt.* '36, 328.
avosetta (European Avocet), *misc.* '36, 477.
- Recurvirostridae**, *eye*, '38, 238.
- Redbreast, Robin, see Erithacus rubecula.
- Redhead, see Nyroca americana.
- redimitus (Catadyptes), see Catadyptes.
- Redington**, Paul Goodwin.
 The bird work of the Biological Survey, '31, 229–234.

redivivum (*Toxostoma*), see *Toxostoma*.
Redpoll, see *Acanthis linaria*.

Common, see *Acanthis linaria*.
Coues's, see *Acanthis exilipes*.
Greater, see *Acanthis rostrata*.
Hoary, see *Acanthis exilipes*.
Hornemann's, see *Acanthis hornemanni*.

Lesser, see *Acanthis linaria*.
Redshank, see *Totanus totanus*.
Redstart, see *Phoenicurus phoenicurus*
and *Setophaga ruticilla*.

American, see *Setophaga ruticilla*.
Black, see *Phoenicurus ochrurus* and
Ruticilla titys.
Painted, see *Setophaga picta*.

Red-bellied, see *Myioborus miniatus*.
Red-throat, see *Pyrholaemus brunneus*.

Redwine, Dan A.

Wood ibis (*Tantalus loculator*) in
Oklahoma, '35, 77.

Redwing, see *Arceuthornis coburni* and
A. iliacus.

Red-wing, Bicolored, see *Agelaius cali-*
fornicus.

Eastern, see *Agelaius phoeniceus*.
Florida, see *Agelaius mearnsi*.
Giant, see *Agelaius arctolegus*.
Gulf Coast, see *Agelaius littoralis*.
Nevada, see *Agelaius nevadensis*.
Northwestern, see *Agelaius caurinus*.
Rio Grande, see *Agelaius richmondi*.
San Diego, see *Agelaius neutralis*.
Sonora, see *Agelaius sonoriensis*.
Tawny-shouldered, see *Agelaius hu-*
meralis.

Thick-billed, see *Agelaius fortis*.

Tricolored, see *Agelaius tricolor*.

reevesi (*Syrmaticus*), see *Syrmaticus*.

regalis (*Buteo*), see *Buteo*.

regia (*Erythrura*), see *Erythrura*.

Regulus, *tax.* '35, 105.

brehmicus, *Holl.* '33, 259.

regulus (European Golden-crowned
Kinglet), *biol.* '33, 246; *hbt.* '33, 259;
nest. '35, 223.

satrapa (*Eastern Golden-crowned
Kinglet, Golden-crowned Kinglet), *Ark.*
'31, 239; *Atlantic.* '32, 99; *D. C.* '32,
485; *La.* '40, 408, 409; *N. C.* '32, 104,
'33, 232; *N. D.* '31, 284; *W. Va.* '34,
395, '35, 456, '40, 577;—*blood.* '37, 517;
feather count. '36, 163; *167; fd.* '33,
374; *song.* '34, 503–506; *tax.* '35, 105;
wt. '38, 443, 514, 652; *wing area.* '38,
511; 514.

rehni (*Troglodytes*), see *Troglodytes*.

reichardi (*Poliospiza*), see *Poliospiza*.

reichenowi (*Drepanorhynchus*), see *Dre-*
panorhynchus.

— (*Pitta*), see *Pitta*.

— (*Tauraco*), see *Tauraco*.

— (*Turacus*), see *Tauraco*.

reicherti (*Ploceus*), see *Ploceus*.

Reimann, Edward Joseph.

Bald eagle takes live fish, '38, 524–525.

Loggerhead shrikes and snakes, '38, 540.

Florida gallinule at Philadelphia in
winter, '39, 331–332.

Lapwing at Bridgehampton, Long
Island, '39, 332.

Saw-whet owls at Philadelphia, Penn-
sylvania, '40, 253–254.

Wilson's plover nesting in New Jersey,
'40, 414–415.

Greater snow goose at Philadelphia,
'40, 562.

Reinarda semota, *Venez.* '33, 249, 381.

reinhardi (*Lagopus*), see *Lagopus*.

reinholdi (*Puffinus*), see *Puffinus*.

— (*Reinholdia*), see *Puffinus*.

Reinholdia, *ost.* '40, 275; *misc.* '37, 565.

Reis, Jacob Anthony, Jr.

Catalogo sistematico e analitico das
aves de Portugal (rev.), '32, 125.

reischekia (*Phoebastria*), see *Phoebastria*.

relictus (*Amaurospizopsis*), see *Amauro-*
spizopsis.

— (*Larus*), see *Larus*.

Relyea, Gladys Mildred.

An attempt to measure statistically
the differences between eastern and
western subspecies of the same
species, '36, 22–27.

remigialis (*Hypotaenidia*), see *Hypotaen-*
idia.

Remiornis, *tax.* '34, 261.

remota (*Dendroica*), see *Dendroica*.

Rennell Island.

Mayr, E., '32, 131 (rev.).

renschii (*Hieraaetus*), see *Hieraaetus*.

Renshaw, Graham.

Some extinct birds (rev.), '38, 579.

restricta (*Columba*), see *Columba*.

— (*Poliopitila*), see *Poliopitila*.

— (*Tchitreia*), see *Tchitreia*.

restrictus (*Heleodytes*), see *Heleodytes*.

Rett, Egmont Zachary.

Hailstorm fatal to California condors
(rev.), '39, 107.

Revier, B. B.

A history of the birds of Norfolk (rev.),
'31, 143–144.

Revisions of Genera and other Groups.

Accipitres, Swann, H. K., and Wet-
more, A. (rev.), '32, 251.

Amazona oratrix (races), Peters, J. L.,
'35, 449–450.

Automolus rubiginosus (races), Gris-
com, L., '37, 195–196.

Batis molitor (races), Vincent, J. (rev.),
'34, 274.

- Belonopterus chilensis* (races), Brod-korb, P. (rev.), '34, 551.
- Bonasa umbellus* (eastern races), Todd, W. E. C., '40, 390-397.
- Branta bernicla* (races), Jourdain, F. C. R. (rev.), '37, 109.
- Branta canadensis* (races), Taverner, P. A. (rev.), '31, 630-631.
- Burrica*, Moore, R. T. (rev.), '40, 129.
- Calamocetor*, Bannerman, D. (rev.), '37, 559.
- Canachites canadensis* (races), Uttal, L. J., '39, 460-464.
- Casuaris* (Mooruk group), Rothschild, Lord (rev.), '31, 461.
- Ceophloeus* (forms), van Rossem, A. J. (rev.), '34, 549.
- Ceophloeus lineatus* (races), Peters, J. L. (rev.), '31, 149.
- Chalcites lucidus* (races), Mayr, E. (rev.), '32, 382.
- Charadrius hiaticula* (races), Low, G. C. (rev.), '34, 424, 557.
- Chlorospingus ophthalmicus*, Under-down, C. E. (rev.), '33, 146.
- Chondrohierax* (forms), Friedmann, H. (rev.), '35, 113.
- Ciccaba* (forms), Kelso, L. (rev.), '33, 139; Peters, J. L., '38, 179-186.
- Cisticola*, Lynes, H. (rev.), '31, 291-293.
- Claravis* (forms), van Rossem, A. J. (rev.), '34, 549.
- Collocalia* (forms), Stresemann, E. (rev.), '32, 506.
- Columba*, Snoukaert von Schauburg, Baron (rev.), '31, 158.
- Corvinella corvina* (races), Friedmann, H., and Bowen, W. W. (rev.), '33, 459.
- Cossypha heuglini* (races), Friedmann, H. (rev.), '31, 150.
- Crypturellus cinnamomeus* (races), Conover, H. B. (rev.), '33, 459.
- Cyanocitta stelleri* (races), Stevenson, J. (rev.), '34, 420.
- Cyanomitra olivacea* (races), Vincent, J. (rev.), '34, 274.
- Cyclarhis virenticeps* (races), Carriker, M. A. (rev.), '35, 213.
- Cyphorhinus lawrencii* (races), Zim-mer, J. T. (rev.), '33, 250.
- Dactylortyx thoracicus* (races), van Rossem, A. J. (rev.), '33, 143.
- Diomedea exulans* (races), Mathews, G. M. (rev.), '35, 124.
- Emberiza aureola* (races), Stancrinsky, V. (rev.), '31, 298.
- Emberiza schoeniclus* (races), Stein-bacher, F. (rev.), '31, 157.
- Empidonax* (Middle American forms), Moore, R. T., '40, 349-389.
- Eos* (forms), Peters, J. L. (rev.), '35, 342.
- Erythropygia leucophrys* (races), Bow-en, W. W. (rev.), '35, 119.
- Erythrura* (forms), Mayr, E. (rev.), '32, 132.
- Euplectes* (forms), Delacour, J., and Edmond-Blanc, F. (rev.), '34, 122, 276, 425.
- Falco tinnunculus* (races), Grant, C., and Mackworth-Praed, C. W. (rev.), '34, 274.
- Formicivora grisea* and *F. intermedea* (races), Carriker, M. A., Jr., '36, 316-317.
- Geococcyx velox* (races), Moore, R. T. (rev.), '35, 121.
- Glaucidium gnoma*, Griscom, L. (rev.), '32, 130-131.
- Hylophylax naevia* (races), Carriker, M. A., Jr. (rev.), '32, 254.
- Hylophylax naevioides*, Todd, W. E. C., '31, 428.
- Hypotriorchis subbuteo* (forms), Por-tenko, L. A. (rev.), '31, 306-307.
- Ibycter*, Peters, J. L. (rev.), '31, 306.
- Icterus gularis* (forms), Griscom, L. (rev.), '31, 305.
- Icterus sclateri* ((forms), Griscom, L. (rev.), '31, 305.
- Jynx*, van Schauburg, S. (rev.), '34, 123.
- Lampornis amethystinus* (races), Gris-com, L., '37, 193-195.
- Lanius* (N. Am. forms), Miller, A. H. (rev.), '32, 116-118.
- Laridae*, Stegmann, B. (rev.), '34, 559.
- Leucosticte arctoa* (forms), Koslova, E. V. (rev.), '34, 423.
- Limnodromus* (forms), Rowan, W., '32, 14-35.
- Limnodromus griseus* (races), Brod-korb, P. (rev.), '33, 459.
- Limosa lapponica* (races), Portenko, L., '36, 194-197.
- Loxia curvirostra* (races), Griscom, L. (rev.), '37, 410-411.
- Loxigilla noctis* (races), Bond, J., '39, 195.
- Lyrurus tetrix* (forms), Stegmann, B. (rev.), '32, 514.
- Malurus* (forms), Mack, G. (rev.), '35, 342.
- Meleagris gallopavo* (races), Moore, R. T., '38, 112-115.
- Meliphaga analoga* (races), Paludan, K. (rev.), '35, 127.
- Mesia argentauris* (races), Mayr, E., and Greenway, J. C., Jr. (rev.), '38, 576.

Milvus migrans (races), Grant, C., and Mackworth-Praed, C. W. (rev.), '34, 274.
Neocichla gutturalis (forms), Friedmann, H. (rev.), '31, 305.
Oenanthe oenanthe (races), Salomonsen, F. (rev.), '34, 558.
Otus (Mid. Am. forms), Moore, R. T., and Peters, J. L., '39, 38-56.
Passer fulgens (forms), Friedmann, H. (rev.), '32, 130.
Passerculus, Oberholser, H. C. (rev.), '31, 295.
Passerculus rostratus, van Rossem, A. J. (rev.), '31, 307-308.
Passerculus sandwichensis (races), Peters, J. L., and Griscom, L. (rev.), '38, 578-579.
Pediocetes phasianellus (races), Snyder, L. L., '39, 184-185.
Pelidna alpina (races), Griscom, L., '37, 70-72.
Penelope argyrotis, P. *montagnii*, P. *purpurascens*, and P. *jacquacu* (races), Hellmayr, C. E., and Conover, H. B., '32, 324-334.
Petroica (forms), Mayr, E. (rev.), '35, 120.
Phrygilus (forms), Dabbene, R. (rev.), '34, 114.
Picus canus (Oriental races), Greenway, J. C., Jr., '40, 550-560.
Picus canus (races), von Schauburg, S. (rev.), '32, 515.
Electrophenax nivalis (races), Salomonsen, F. (rev.), '31, 312.
Poicephalus fuscicapillus (races), Bowen, W. W. (rev.), '31, 150.
Polihierax semitorquatus, Bowen, W. W. (rev.), '31, 459.
Poliophtila (Mid. Am. species), van Rossem, A. J., '31, 33-39.
Psittacula (forms), Snoukaert von Schauburg, R. (rev.), '34, 276.
Ptilorrhoa (forms), Peters, J. L., '40, 94.
Pulsatrix (forms), Kelso, L. (rev.), '33, 460, '34, 234-236.
Quiscalus, Chapman, F. M., '35, 21-29.
Rallus longirostris (races), Oberholser, H. C. (rev.), '38, 306.
Ramphocelus dimidiatus (races), Griscom, L., '33, 306-308.
Rhamphastidae, Germigny, G. de (rev.), '31, 156.
Rhamphocelus, Berlioz, J. (rev.), '34, 122.
Rhipidura, Mayr, E. (rev.), '32, 257.
Saltator grandis (races), van Rossem, A. J. (rev.), '32, 133.
Saucerottia (forms), Berlioz, J. (rev.), '34, 277.

Saxicola torquata (S. Afr. forms), Bowen, W. W. (rev.), '31, 304.
Sigmodus scopifrons (forms), Slater, W. L. (rev.), '34, 274.
Strix aluco (races), Dementieff, G. (rev.), '34, 276.
Synallaxis rutilans (races), Gyldenstolpe, N. (rev.), '31, 149.
Tchitrea affinis (races), Salomonsen, F. (rev.), '34, 119.
Thamnophilus, Zimmer, J. T. (rev.), '33, 460.
Thryospiza maritima (Atlantic coast races), Oberholser, H. C. (rev.), '32, 132.
Thryothorus ludovicianus (races), Lowery, G. H., Jr., '40, 95-104.
Troglodytes aëdon (races), Oberholser, H. C. (rev.), '35, 121.
Troglodytes troglodytes (races), Salomonsen, F. (rev.), '33, 257.
Turdus nudigenys, Todd, W. E. C. (rev.), '32, 133.
Turdus phaeopygus, Todd, W. E. C. (rev.), '32, 133.
Uria aalge (races), Salomonsen, F. (rev.), '34, 124.
Vidua (forms), Delacour, J., and Edmond-Blanc, F. (rev.), '34, 122, 276, 425.
Vireo chivi and *V. caucæ* (races), Todd, W. E. C., '31, 407-412.
Vireo flavoviridis (races), Peters, J. L., '31, 575-587.
Vireo griseus (races), Todd, W. E. C., '33, 115-116.
Zenaida auriculata (races), Naumberg, E. M. B. (rev.), '33, 460.
Zonotrichia capensis (forms), Griscom, L. (rev.), '31, 305.
rex (*Balaeniceps*), see *Balaeniceps*.
reynoldsi (*Notiopsar*), see *Notiopsar*.
Rhagologus, *tax*, '34, 426, '37, 222.
Rhamphastidae, *tax*, '31, 156.
Rhamphastos, *anat.*, '37, 229.
albogularis, *Parag.*, '37, 406.
toco, *Amazon*, '37, 406.
Rhamphocaelus semitorquatus, *Chiriqui*, '36, 232.
Rhamphocaelus, see *Ramphocelus*.
Rhamphocorys clot-bey, *Palestine*, '32, 265.
Rhamphomicron microrhynchum, *Ecuad.*, '34, 153.
Rhamphostruthus, *tax*, '32, 132.
Rhamphotrigon, *Peru*, '40, 278.
Rhamphozosterops sanfordi, *Ponape*, '32, 265.
Rhea, *S. Am.*, '40, 426.
araneipes, *Parag.*, '39, 100.
Rheidae, *Argent.*, '36, 355.

- Rheiformes**, *incub.* '40, 52; *misc.* '37, 506.
Rheinardia ocellata (Crested Argus), *misc.* '40, 126.
 rhinoceros (Buceros), see Buceros.
Rhinochetidae, *tax.* '31, 635.
Rhinomyias basilanica, *Basilan*, '32, 511.
isola, *Borneo*, '32, 511.
subsolanus, *Celebes*, '32, 391.
Rhinopomastus cyanomelas, *hbt.* '33, 384.
Rhinoptilus chalcopterus (Bronze-wing Courser), *Afr.* '39, 353.—*hbt.* '39, 353; *misc.* '32, 389.
Rhinoptynx clamator (Cayenne Owl), *C. R.* '33, 300; *Venez.* '35, 329.—*misc.* '35, 451, '36, 82.
maculatus, *misc.* '35, 451.
morgenseni *Argent.* '35, 451*.—*descr.*, *dist.*, '35, 451.
oberi, *Tobago*, '36, 82*.—*descr.*, *meas.*, '36, 82.
Rhipidura (Fantail), *tax.* '32, 257.
brachyrhyncha, *misc.* '36, 249.
devisi, *misc.* '36, 249.
fiabellifera (Gray Fantail Flycatcher), *N. Z.* '34, 491.
gularis, *N. Guinea*, '34, 560.
kubuna, *N. Guinea*, '38, 697.
lessoni, *tax.* '33, 143.
leucophrys (Willie-wagtail), *Australia*, '40, 437.—*nid.* '40, 437.
nigritorquus (Black and White Fantail), *P. I.* '38, 219.—*hbt.*, *nid.*, '38, 219.
oreas, *N. Guinea*, '34, 560.
rufifrons (*Rufous Fantail), *Australia*, '39, 208.—*cuckoo host*, '33, 385*;
pl. '33, 385*;
tax. '39, 208.
verreauxi, *misc.* '33, 207.
 rhizophorae (Dendroica), see Dendroica.
 — (Rallus), see Rallus.
Rhode Island.
 Cottam, C., '36, 332.
 Dickens, E., '34, 247.
 Eynon, A. E., '35, 181, 186, '36, 83–84.
 Gross, A. O., '31, 511.
 Lynch, J. J., '35, 78, '39, 374–380.
 Murphy, R. C., and Vogt, W., '33, 327–328.
 Taylor, A. O'D., '34, 369, 384.
Rhodesia.
 Hamling, H. H., '37, 412 (rev.).
 Priest, C. D., '34, 263–264 (rev.), 411 (rev.), '36, 105–106 (rev.), '37, 216–217 (rev.).
 Winterbottom, J. M., '37, 112 (rev.), '38, 699 (rev.).
 rhodesiae (Anthoscopus), see Anthoscopus.
Rhodopechys aliens, *Morocco*, '38, 150.
Rhodopis atacamensis, *Chile*, '38, 405.—*mig.* '38, 405.
Rhodostethia rosea (*Ross's Gull, Rosy Gull), *misc.* '37, 409*, '38, 585*, '39, 502.
Rhodothraupis, *tax.* '37, 212.
Rhopodytes minor, *Borneo*, '39, 107.
saliens, *Burma*, '38, 695.
Rhopophilus beicki, *China*, '37, 569.
Rhopornis ardesiaca, *Bras.* '34, 493.—*descr.*, *hist.*, *syn.*, *tax.*, '34, 493–496.
Rhyacophilus glareola (Wood Sandpiper, *Tringa*), *hbt.* '35, 350^b.
Rhynchocyclus, *Peru*, '40, 278.
cinereiceps (Gray-headed Flycatcher), *Sal.* '40, 303.
Rhynchophanes mecowni (*McCown's Longspur), *Minn.* '36, 342; *Mont.* '38, 571*.—*destr.* '38, 571*;
plm. '36, 342.
Rhynchopsitta pachyrhyncha (*Thick-billed Parrot), *Aris.* '39, 159, 169*;
Mex. '35, 423, '39, 159.—*avic.* '33, 253;
fd. '39, 159.
Rhynchothraupis mesoleuca, *Bras.* '39, 492.
 rhynchotis (Spatula), see Spatula.
Rhynochetos jubatus (*Kagu), *misc.* '31, 159*.
Rhyticeros (*b*Calao), *nomen.* '31, 601, 601^b.
jungei, *N. Guinea*, '38, 151.
plicatus (Plicated Hornbill), *mlt.* '37, 421.
undulatus, *hbt.* '37, 111; *nomen.* '31, 601; *tax.* '31, 601.
Rhytipterna, *Peru*, '37, 230.
imunda, *Bras.* '37, 230.
intermedia, *Bras.* '37, 230.
Riccordia ricordi (*Riccordia Hummingbird, Emerald Hummingbird), *Cuba*, '36, 436*.
Rice, James Henry, Jr., 1868–1935.
 Obituary, '40, 148.
Rich, Marcus Charles.
 Brunnich's murre on Staten Island, *N. Y.*, '33, 217.
 Great crested flycatcher in New Jersey in November, '33, 221.
 A late migration of fox sparrows, '33, 365–366.
Rich, Waldo Leon, 1853–1930.
 Obituary, '31, 86.
 richardi (Anthus), see Anthus.
Richards, Tudor.
 Breeding of the hooded merganser (*Lophodytes cucullatus*) in Massachusetts, '36, 441.
Richardson, (Miss) Juliet.
 Audubon's shearwater in Massachusetts, '38, 119.
 Montana horned owl in Massachusetts, '38, 279.
Richardson, William Derrick, 1876–1936.
 Obituary, '39, 503, '40, 148.

richardsoni (Chlorospingus), see Chlorospingus.

- (Cryptoglaux), see Cryptoglaux.
- (Dendragapus), see Dendragapus.
- (Falco), see Falco.
- (Icterus), see Icterus.
- (Melanospiza), see Melanospiza.
- (Myiochanes), see Myiochanes.

richi (Coturnicops), see Coturnicops.
Richmond, Charles Wallace, 1868–1932.
 Obituary, '32, 392, '33, 82.
 In memoriam, '33, 1–22, por.

Richmond, W. K.
 Quest for birds (rev.), '35, 107–108.

Richmondia, *hbt.* '40, 177.
canicauda (Gray-tailed Cardinal),
Tex. '31, 63.—*hbt.* '31, 59, 63.
cardinalis (*Eastern Cardinal, Cardinal, ^bCardinalis), *Ark.* '31, 238^b;
Can. '39, 499^a; *Fr.* '40, 586^a; *H. I.* '38,
 578^a; *La.* '34, 400, '37, 171–172^a; *Mass.*
 '36, 221 (winter); *Mich.* '31, 131^b, '35,
 314, '36, 110^a, 111^a, '39, 99^a, 493^a; *N.*
H. '32, 228; *N. C.* '32, 103; *O.* '31,
 372, 377^a, 440^b, '34, 386^a, '37, 326, '39,
 258; *Ont.* '39, 18; *Pa.* '38, 679–680^a;
Va. '32, 103, '40, 574^a; *W. Va.* '34,
 396^a—*blood*, '37, 518; *cowbird host*, '34,
 386^a; *feather count*, '36, 165^a, 168^a; *fd.*
 '38, 679–680^a; *hbt.* '31, 440^b, '34, 178,
 '40, 178; *plm.* '35, 314, '36, 110^a, 111^a;
song, '34, 505^a, '35, 40–52^a, '38, 265^a,
 267^a, 304^a, '40, 303^a; *wt.* '31, 574, '37,
 326, '38, 422^a, 423^a, 438, 439; *misc.* '31,
 127, 611^a, '35, 371^a, '36, 72^a, 245^a, '38,
 570^a, 579^a.

floridana (*Florida Cardinal), *Fla.*
 '40, 405^a.

magnirostris (*Louisiana Cardinal,
 Cardinal), *La.* '34, 400, '40, 90.—*band*,
 '40, 90; *sex ratio*, '40, 90; *misc.* '38, 599^a.
superba (Arizona Cardinal), *Ariz.*

'31, 63.—*hbt.* '31, 59, 60, 63.

townsendi, *Mex.* '33, 143.

Richmondininae, '40, 120.

richmondi (Agelaius), see Agelaius.

— (Arremonops), see Arremonops.

— (Chaetura), see Chaetura.

— (Platyparis), see Platyparis.

Richter, Roland.

Einiges über die Lebensweise des
 Bisssturmvogels (Fulmarus glacialis
 L.) (rev.), '37, 566–567.

Beobachtungen an einer gemischten
 Kolonie von Silbermöwe (Larus argen-
 tatus Pont.) und Heringsmöwe
 (Larus fuscus graellsii Brehm) (rev.),
 '39, 107, 359.

ricketti (Picus), see Picus.

Rickman, Philip.

A bird painter's sketch book (rev.), '32,
 118.

ricordi (Riccordia), see Riccordia.

Ridgway, John Livsey.

Scientific illustration (rev.), '38, 564–
 565.

[Erroneous report of death], '39, 123;
 [Correction], '39, vii.

Ridgway, Robert, 1850–1929.

A memorial appreciation, '33, 159–169,
 por.

Ridgway Memorial.

[Report of Committee], '31, 95–104.

ridgwayi (Camptostoma), see Campto-
 stoma.

— (Colinus), see Colinus.

— (Empidonax), see E. traillii.

— (Junco), see Junco.

— (Loxigilla), see Loxigilla.

— (Megascops), see Otus trichopsis.

— (Otus), see O. trichopsis.

— (Parus), see Baeolophus griseus.

— (Quiscalus), see Quiscalus.

— (Vermivora), see Vermivora.

— (Zarhynchus), see Zarhynchus.

Ridgwayia pinicola, *Mex.* '37, 198.

ridibundus (Larus), see Larus.

Rifleman, see Acanthisitta chloris.

riisii (Elaeena), see Elaeena.

Riley, Joseph Harvey.

Birds from the small islands off the
 northeast coast of Dutch Borneo
 (rev.), '31, 148.

Description of three new birds from
 Siam (rev.), '31, 307.

A second collection of birds from the
 provinces of Yunan and Szechwan,
 China (rev.), '32, 257.

A new babbler from northern Siam
 (rev.), '32, 383.

A new swift of the genus Reinardia
 from Venezuela (rev.), '33, 249, 381.

The names of two genera of Timaline
 birds, '33, 363–364.

Notes on Niltava smithi (rev.), '33,
 381.

Descriptions of two new birds from
 southeastern Siam (rev.), '34, 115.

Some additions to the bird fauna of
 Siam (rev.), '34, 270.

A new flycatcher from southeastern
 Siam (rev.), '34, 552.

One new genus and three new races of
 birds from the Malay region (rev.),
 '35, 121.

On the color of the iris in the western
 Cuban grackle, '35, 193.

Two new forms of birds from south-
 eastern Siam (rev.), '35, 342.

Three new forms of birds from the

- Philippine Islands and Siam (rev.), '36, 116.
 A new babbler from southeastern Siam (rev.), '36, 358.
 see Wilder, G. D., and Hubbard, H. W., 'Birds of northeastern China' (rev.), '39, 91.
 Three new birds from Banka and Borneo (rev.), '39, 107.
 Birds from Siam and the Malay Peninsula (rev.), '39, 345.
Riley, J. H., and Friedmann, H.
 see Friedmann and Riley.
 rileyi (Coccyzus), see Coccyzus.
 — (Myiophonus), see Myiophonus.
 — (Stachyris), see Stachyris.
 — (Strix), see Strix.
Ringleben, Herbert.
 Ueber die Umstellung in der Ernährungsweise der Ringelgans (*Branta bernicla*) infolge der Seegraskrankheit (rev.), '37, 567.
 ringvia (Uria), see U. aalge.
Rintoul, Leonora Jeffrey, and Baxter, Evelyn V.
 A vertebrate fauna of Forth (rev.), '36, 107–108.
Riparia, syn. '39, 485.
centralasica, *Alashan*, '33, 383.
chinensis (Chinese Bank Swallow), *P. I.* '38, 215.—*nid.* '38, 215.
ijimae (Siberian Bank Swallow), *Alas.* '38, 556.
newtoni, *Br. Cameroons*, '38, 298.
riparia (*Bank Swallow, Sand Martin, ^bCotile, ^amaximiliani), *Fla.* '31, 247^a; *Germ.* '37, 406^a; '38, 575; *Hond.* '36, 192; *Jerusalem*, '33, 182^b; *Labr.* '37, 36; *La.* '39, 92; *N. Y.* '35, 400^a; *O.* '31, 369, '36, 228; *Pan.* '35, 326; *Que.* '37, 36; *S. C.* '34, 537; *Trin.* '37, 560^a; *V. I.* '38, 131.—*age*, '37, 421^a; '39, 207^a; *band.* '37, 421^a; '38, 581^a; *behav.* '38, 575; *colors*, '36, 192; *destr.* '37, 405–406^a; *flight*, '33, 316^a; *hbt.* '37, 421^a; '40, 323; *mig.* '38, 575; *temp.* '38, 156^a; *wt.* '38, 432; *misc.* '31, 543^a; '36, 96^a, 218; '38, 466^a; '39, 100^a; '40, 129^a.
rupestris (Crag Martin, ^bCotile), *Jerusalem*, '33, 182^b.
stolzneriana, *Manchuria*, '35, 110.
riparia (Cotile), see *Riparia*.
 — (Riparia), see *Riparia*.
riparius (Molothrus), see *Molothrus*.
Ripley, Sidney Dillon.
 Swallow-tailed kite in Connecticut, '40, 247.
Ripley, S. D., and de Schauensee, R. M.
 see de Schauensee and Ripley.
riponi (Pericrocotus), see *Pericrocotus*.
risoria (Streptopelia), see *Streptopelia*.

- risorius* (Turtur), see *Streptopelia*.
Rissa brevirostris (Red-legged Kittiwake), *Ore.* '33, 216.—*colors*, *meas.*, '33, 216.
pollicaris (*Pacific Kittiwake), *Labr.* '39, 352^a; *Ore.* '33, 216^a.
tridactyla (*Atlantic Kittiwake, Kittiwake), *Atlantic*, '32, 189; '38, 583^a; *Colo.* '37, 526; *Engl.* '36, 298^a; *G. Br.* '38, 530; *Greenl.* '33, 136; *Is.* '33, 102; *Labr.* '37, 30–31; '38, 304^a; *Me.* '37, 31; *N. F.* '39, 357^a; *Que.* '31, 244^a; '37, 31; *Russ.* '39, 357^a; *Va.* '33, 191^a; *Wisc.* '38, 529.—*band.* '39, 357^a; *behav.* '38, 298^a; *eye*, '38, 231; *fd.* '37, 31; *meas.* '37, 31; *nest*, '37, 30; *paras.* '37, 41; *wt.* '37, 31.
Risser, Alden Fairchild.
 A note on nesting killdeer, '31, 417.
 Hermit warbler in Minnesota, '31, 435.
 Unusual summer birds from the vicinity of Brownsville, Texas, '32, 106–107.
 Chestnut-collared longspur in eastern Minnesota, '33, 123–124.
Ritter, William Emerson.
 The California woodpecker and I (rev.), '39, 197–198.
Ritter, W. E., and Benson, S. B.
 "Is the poor bird demented?" Another case of "shadow boxing," '34, 169–179.
Rives, William Cabell, 1850–1938.
 Obituary, '39, 502–503; '40, 148.
Riviere, Bernard Beryl.
 A history of the birds of Norfolk (rev.), '31, 143–144.
rivularis (Cissilopha), see *Cissilopha*.
Rix, C. E.
 The chestnut-tailed ground wren (*Hyalacola pyrrhopygia*) in the Mt. Lofty Ranges, South Australia (rev.), '40, 131.
rixosa (Machetornis), see *Machetornis*.
 Road-runner, see *Geococcyx californianus*.
Roads, (Miss) Myra Katie.
 Doves using an old robin's nest, '31, 265.
 Combined protection of young birds, '31, 439–440.
 Use of former nest sites, '31, 622.
 Nest construction of the blue-gray gnatcatcher, '32, 90–91.
 Blue jays gathering twigs for nests, '32, 223.
 Nesting of the eastern mourning dove, '32, 350.
 [On injury feigning by birds], '36, 482.
Robbins, Chandler, Jr.

- Arkansas kingbird in Massachusetts, '35, 187.
- Robbins, Charles Albert.**
The advantage of crossed mandibles: a note on the American red crossbill, '32, 159-165.
- Robert, Leo-Paul.**
Les oiseaux de chez nous (rev.), '32, 126.
- roberti** (Archaeophasianus), see Archaeophasianus.
- (Phasianus), see Archaeophasianus.
- Roberts, Austin.**
[Change of name] (rev.), '37, 418-419.
- Roberts, Bryan.**
Antarctic ornithological observations made during Bellingshausen's voyage of circumnavigation in 1819-21 (rev.), '40, 131.
- Roberts, Howard Radclyffe.**
List of Trinidad birds with field notes (rev.), '34, 412.
- Roberts, H. R., and Stone, W.**
see Stone and Roberts.
- Roberts, Mary E.**
Lead poisoning of mallards (rev.), '40, 593.
- Roberts, Thomas Sadler.**
[Obituary of] Frank Watkins Commons, '31, 474-475.
[Obituary of] Edward Addison Everett, '31, 475-476.
The birds of Minnesota (rev.), '32, 368-370.
Bird portraits in color (rev.), '34, 541-542.
The singing and soaring height of Sprague's pipit, '36, 339.
[Obituary of] Mary Agnes Tillisch, '38, 315.
Logbook of Minnesota bird life—1917-1937 (rev.), '38, 563-564.
[Awarded Brewster Medal], '39, 113.
[Obituary of] Franklin Benner, '40, 137-138.
Annals of the Museum of Natural History, University of Minnesota, 1872-1939 (rev.), '40, 427-428.
- Robin**, see *Turdus achrusterus*, *T. migratorius* and *T. propinquus*.
- African Scrub**, see *Erythropgia leucophrys*.
- British**, see *Erithacus melophilus*.
- Eastern**, see *Turdus migratorius*.
- European**, see *Erithacus rubecula*.
- Grey-headed**, see *Heteromyias cinereifrons*.
- North Island**, see *Miro longipes*.
- Pallas's Blue**, see *Erithacus cyaneus*.
- Pekin**, see *Leiothrix lutea*.
- San Lucas**, see *Turdus confinis*.
- Southern**, see *Turdus achrusterus*.
- Vera Cruz**, see *Turdus phillipsi*.
- Western**, see *Turdus propinquus*.
- robini** (*Urocissa*), see *Urocissa*.
- Robinson, Herbert Christopher, and Chasen, F. N.**
The birds of the Malay Peninsula, vol. III (rev.), '36, 464.
- Robinson, H. C., and Kloss, C. B.**
A second collection of birds from Pulo Condore (rev.), '31, 307.
- Robinson, Herbert William.**
[On birds pairing with mounted specimens], '35, 495, '36, 253.
Recoveries of gannets from the Bass Rock (rev.), '38, 154.
Longevity of a black-headed gull, '38, 278.
Nesting of fulmar petrel on the Bass Rock and incubation period (rev.), '38, 307.
- robinsoni** (*Picus*), see *Picus*.
- robusta** (*Cyanosylvia*), see *C. suecica*.
- (*Pratincola*), see *Pratincola*.
- robustus** (*Asio*), see *Asio*.
- (*Melichneutes*), see *Melichneutes*.
- (*Tinamus*), see *Tinamus*.
- Rockefeller, John Sterling, and Murphy, C. B. G.**
The rediscovery of *Pseudocalyptomena*, '33, 23-29.
- Rockwell, Robert Blanchard, and Niedrach, R. I.**
see Niedrach and Rockwell.
- Rocky Mountain National Park.**
[Birds], Gregg, H. R., '38, 572 (rev.).
- Rodgers, Thomas Lathan.**
Behavior of the pine siskin (rev.), '38, 307.
The dive note of the Anna hummingbird (rev.), '40, 275.
- roehli** (*Arizelocichla*), see *Arizelocichla*.
- Rogers, Charles Henry.**
Prothonotary warbler in Wyoming, '32, 91-92.
An influx of Leach's petrels, '34, 74.
Willow thrush in New Jersey, '35, 191.
Chimney swifts in eastern Panama, '37, 392.
A second willow thrush in New Jersey, '38, 537-538.
The swifts of Panama, '39, 81-83.
A new swift from the United States, '39, 465-468.
- Rogers, Mrs. Walter E.**
Records of unusual birds in eastern Wisconsin, '36, 229-230.
- rogersi** (*Casuaris*), see *C. papuanus*.
- (*Phalacrocorax*), see *Phalacrocorax*.
- (*Yuhina*), see *Yuhina*.
- Roller**, see *Coracias indica*.

- Racket-tailed, see *Coracias spatulatus*.
 Somaliland, see *Coracias lorti*.
Rollins, Harry Leighton, 1861-1933.
 Obituary, '34, 70.
Rollo, Marie, and **Brown**, F. A., Jr.
 see *Brown* and *Rollo*.
Rook, see *Corvus frugilegus*.
 Syrian, see *Corvus agricola*.
Rooke, Kenneth Basil.
 Unusual reproductive behaviour: the
 reactions of a male bishop-bird in
 non-breeding plumage to nestling
 canaries (rev.), '38, 579.
roratus (*Eclectus*), see *Lorius*.
 — (*Lorius*), see *Lorius*.
rosaceus (*Aegithalos*), see *Aegithalos*.
rosatus (*Palaeoborus*), see *Palaeoborus*.
rosea (*Rhodostethia*), see *Rhodostethia*.
Rosefinch, Mexican, see *Carpodacus*
mexicanus.
roseicapilla (*Kakatoe*), see *Kakatoe*.
roseicollis (*Agapornis*), see *Agapornis*.
roseigularis (*Casuaris*), see *Casuaris*.
Rosenzweig, William, **Bartsch**, P., et al.
 see *Bartsch* et al.
roseus (*Pastor*), see *Pastor*.
 — (*Phoenicopterus*), see *Phoenicop-*
terus.
Ross, Lucretius Henry.
 An influx of Leach's petrels, '34, 75.
Ross, Roland Case.
 A new genus and species of pygmy
 goose from the McKittrick Pleisto-
 cene (rev.), '35, 480.
rossi (*Chen*), see *Chen*.
 — (*Trogon*), see *Trogon*.
rostrata (*Acanthis*), see *Acanthis*.
Rostratula, *tax*, '31, 635.
australis (*Painted Snipe*), *anat.*, '34,
 558; *nest*, '34, 276.
benghalensis (*Painted Snipe*), *Chi-*
na, '38, 293*; *P. I.*, '38, 199, 208.—*nid.*
 '38, 199, 208.
Rostratulidae, *tax*, '31, 634.
rostratus (*Cyanocephalus*), see *Cyano-*
cephalus.
 — (*Gymnorhinus*), see *Cyanocephalus*.
 — (*Passerculus*), see *Passerculus*.
Rostrhamus levis, *Cuba*, '34, 115.
major, *Mex.*, '34, 270.
plumbeus (*Everglade Kite*), *C. R.*
 '33, 298; *Fla.*, '35, 462, '36, 386, '39,
 149-150.—*fd.*, '39, 138*, 149-150, '40,
 281*; *status*, '39, 212-213*, 218*, '40,
 281*.
sociabilis (*Southern Everglade Kite*),
Argent., '37, 219.
Bothrock, Boyd Packer.
 Blue goose (*Chen caerulescens*) in
 Pennsylvania, '31, 415.

- Bothschild**, Lord Lionel Walter, 1868-
 1937.
 On a collection of birds made by Mr.
 F. Shaw Mayer in the Weyland
 Mountains, Dutch New Guinea, in
 1930 (rev.), '31, 461.
 A preliminary review of the mooruk
 (*papuanus bennetti*) group of *casso-*
waries (rev.), '31, 461.
 Obituary, '38, 162, '39, 122.
rothschildi (*Fregata*), see *F. magnificens*.
 — (*Xiphirhynchus*), see *Xiphirhyn-*
chus.
 Rough-leg, Ferruginous, see *Buteo regalis*.
rovumensis (*Pogoniulus*), see *Pogoniulus*.
Rowan, William.
 The status of the dowitchers with a
 description of a new subspecies from
 Alberta and Manitoba, '32, 14-35.
 The riddle of migration (rev.), '32,
 110-112.
 Correction, '33, 152.
 Experiments in bird migration (rev.),
 '33, 249.
 London starlings and seasonal repro-
 duction in birds (rev.), '38, 697.
 Light and seasonal reproduction in
 animals (rev.), '39, 205.
Rowan, W., and **Batravi**, A. M.
 Comments on the gonads of some
 European migrants collected in East
 Africa immediately before their
 spring departure (rev.), '39, 206.
rowei (*Geocichla*), see *Geocichla*.
 — (*Geocichla*), see *Geocichla*.
rowleyi (*Eutrichomyias*), see *Eutricho-*
myias.
 — (*Zeocephus*), see *Eutrichomyias*.
Royal, Loyd A.
 Feeding habits of the sanderling at
 Copalis Beach, Washington (rev.),
 '40, 131.
Royal Australasian Ornithologists' Union
 [Members of the A. O. U. invited to
 join], '38, 160.
Royal Ontario Museum of Zoology.
 [History and extent of collections]
 (rev.), '38, 568.
Rozsypal, Jan.
 The sugar-beet pest, *Bothynoderes*
punctiventris Germ., and its natural
 enemies (rev.), '32, 378.
rubra (*Otocoris*), see *Otocoris*.
rubecula (*Erethacus*), see *Erethacus*.
ruber (*Ergaticus*), see *Ergaticus*.
 — (*Phoenicopterus*), see *Phoenicop-*
terus.
 — (*Pygornis*), see *Pygornis*.
rubescens (*Alcedo*), see *Chloroceryle*
amazona.
 — (*Anthus*), see *Anthus*.

rubetra (*Saxicola*), see *Saxicola*.
 rubicola (*Saxicola*), see *Saxicola*.
 rubicundus (*Empidonax*), see *Empidonax*.
 rubida (*Erismatura*), see *Erismatura*.
 — (*Oreopeleia*), see *Oreopeleia*.
 — (*Oxyura*), see *Erismatura*.
 rubidiceps (*Chloeophaga*), see *Chloeophaga*.
 rubiginosa (*Dendroica*), see *Dendroica*.
 rubiginosus (*Automolus*), see *Automolus*.
 rubinus (*Pyrocephalus*), see *Pyrocephalus*.
 — (*Pyrocephalus*), see *P. mexicanus*.
 rubra (*Crax*), see *Crax*.
 — (*Guara*), see *Guara*.
 — (*Paradisaea*), see *Paradisaea*.
 — (*Piranga*), see *Piranga*.
 rubricauda (*Phaethon*), see *Phaethon*.
 rubriceps (*Anaplectes*), see *Anaplectes*.
 rubrifrons (*Cardellina*), see *Cardellina*.
 — (*Tripsurus*), see *Tripsurus*.
 rubripes (*Anas*), see *Anas*.
 — (*Mimocichla*), see *Mimocichla*.
 rubrirostris (*Tachyphonus*), see *Tachyphonus*.
 Ruby-throat, East Siberian, see *Luscinia calliope*.
 ruckeri (*Trochilus*), see *Trochilus*.
 rudolfi (*Paradisornis*), see *Paradisornis*.
 rufa (*Alectoris*), see *Alectoris*.
 — (*Lessonia*), see *Lessonia*.
 — (*Terpsiphone*), see *Terpsiphone*.
 rufescens (*Aimophila*), see *Aimophila*.
 — (*Calamocercator*), see *Calamocercator*.
 — (*Dichromanassa*), see *Dichromanassa*.
 — (*Otus*), see *Otus*.
 — (*Penthestes*), see *Penthestes*.
 — (*Rynchotus*), see *Rynchotus*.
Ruff, Frederick James.
 Mortality among myrtle warblers near Ocala, Florida, '40, 405-406.
 Brewer's blackbird in *Alaska* 40, 575.
 Ruff, see *Philomachus pugnax*.
 ruficapilla (*Dendroica*), see *Dendroica*.
 — (*Vermivora*), see *Vermivora*.
 ruficapillus (*Agelaius*), see *Agelaius*.
 ruficollis (*Branta*), see *Branta*.
 — (*Colymbus*), see *Colymbus*.
 — (*Dichromanassa*), see *D. rufescens*.
 — (*Hydranassa*), see *Hydranassa*.
 — (*Pisobia*), see *Pisobia*.
 — (*Podiceps*), see *Colymbus*.
 — (*Turdus*), see *Turdus*.
 ruficrissa (*Xenocistis*), see *Xenocistis*.
 ruficrista (*Lophotis*), see *Lophotis*.
 rufifrons (*Rhipidura*), see *Rhipidura*.
 rufigastra (*Cyornis*), see *Cyornis*.
 rufigula (*Ptyonoprogne*), see *Ptyonoprogne*.

rufigularis (*Euscarthmornis*), see *Euscarthmornis*.
 rufilatus (*Accipiter*), see *Accipiter*.
 rufinucha (*Heleodytes*), see *Heleodytes*.
 — (*Pagolla*), see *Pagolla*.
 rufinus (*Empidonomus*), see *Empidonomus*.
 rufipectus (*Arborophila*), see *Arborophila*.
 — (*Automolus*), see *Automolus*.
 — (*Formicarius*), see *Formicarius*.
 rufipennis (*Columbigallina*), see *Columbigallina*.
 rufipes (*Orchilus*), see *Orchilus*.
 rufipileus (*Colaptes*), see *Colaptes*.
 rufiventris (*Formicivora*), see *Formicivora*.
 — (*Turdus*), see *Turdus*.
 rufivirgatus (*Arremonops*), see *Arremonops*.
 rufoaxillaris (*Molothrus*), see *Molothrus*.
 rufobrunneus (*Thripadectes*), see *Thripadectes*.
 rufociliatus (*Troglodytes*), see *Troglodytes*.
 rufogularis (*Synallaxis*), see *S. cherriei*.
 rufomarginatus (*Herpsilochmus*), see *Herpsilochmus*.
 rufopectus (*Colymbus*), see *Colymbus*.
 — (*Podiceps*), see *Colymbus*.
 rufula (*Oropezus*), see *Oropezus*.
 rufum (*Toxostoma*), see *Toxostoma*.
 rufus (*Calidris*), see *Calidris*.
 — (*Furnarius*), see *Furnarius*.
 — (*Phaethornis*), see *Phaethornis*.
 — (*Selasphorus*), see *Selasphorus*.
 — (*Tachyphonus*), see *Tachyphonus*.
Rullier, and Heim de Balsac, H.
 L'infection des oeufs de cane et son mécanisme: fréquence, dangers, précautions hygiéniques (rev.), '37, 567.
 rumicivorus (*Thinocorus*), see *Thinocorus*.

Rumsey, Mary Harriman (Mrs. Charles Carey Rumsey), 1881-1934.
 Obituary, '36, 69.
 rungwensis (*Linurgus*), see *Linurgus*.
 rupestris (*Bonasia*), see *Bonasia*.
 — (*Cotile*), see *Riparia*.
 — (*Lagopus*), see *Lagopus*.
 — (*Riparia*), see *Riparia*.
 — (*Tetrastes*), see *Tetrastes*.
Rupicola (*Cock-of-the-rock), *S. Am.* '40, 426*.—*dance*, '40, 426*.
Rüppell, Werner.
 Die Mittelrichtung, Terminologisches und Theoretisches zum Vogelzuge (rev.), '37, 419.
 Heimfindeversuche mit Staren, Rauchschwalben, Wendehälsen, Rotrück-

- enwürgern und Habichten (1936) (rev.), '37, 419.
- Rüppell, W., and Schifferli, A.**
Versuche über Winter-Ortstreue an *Larus ridibundus* und *Fulica atra* 1935 (rev.), '39, 499.
- ruppelli** (*Heterotetrax*), see *Heterotetrax*.
— (*Sylvia*), see *Sylvia*.
- Rusby, Henry Hurd.**
Jungle memories (rev.), '35, 114–115.
- Rusling, William James.**
Bicknell's thrush in Virginia, '37, 395.
- russias** (*Charadrius*), see *C. nigrius*.
- Russia.**
Dementiev, G. P., '34, 122 (rev.), '36, 106–107 (rev.).
Grote, H., '39, 102 (rev.), 495 (rev.), '40, 127 (rev.).
Portenko, L. A., '38, 136 (rev.).
Stegmann, B., '38, 290–291 (rev.).
- rustica** (*Cisticola*), see *Cisticola*.
— (*Emberiza*), see *Emberiza*.
— (*Hirundo*), see *Hirundo*.
- rusticola** (*Scolopax*), see *Scolopax*.
rusticolus (*Falco*), see *Falco*.
- Ruticilla titys** (Black Redstart), *Jerusalem*, '33, 180.
- ruticilla** (*Setophaga*), see *Setophaga*.
rutila (*Phytotoma*), see *Phytotoma*.
rutilans (*Leucolepis*), see *Leucolepis*.
— (*Synallaxis*), see *Synallaxis*.
- rutilus** (*Otus*), see *Otus*.
— (*Pipilo*), see *Pipilo*.
— (*Thryothorus*), see *Thryothorus*.
- Rutter, Russell James.**
[On injury feigning by birds], '36, 481.
- ruwenzoriae** (*Tchitrea*), see *Tchitrea*.
- Ryania melanocephala** (Elfin Wren), *eclipse plm.* '40, 128.
- Rynchops cinerascens** (Dusky-tailed Skimmer), *Grenada*, '36, 82.
intercedens, *misc.* '36, 476.
nigra (*Black Skimmer, Skimmer), *Fla.* '31, 596; *Ga.* '31, 279; 281; '32, 85; *Mass.* '37, 206–207, '39, 178; *N. J.* '31, 646; '32, 477, '37, 206, '38, 294; *N. Y.* '33, 446, '34, 398, 521, '37, 206, '38, 693; '39, 179; *N. C.* '34, 95; '37, 456, '40, 423; *N. S.* '37, 206; *R. I.* '37, 207; *S. C.* '35, 98; *Tex.* '33, 62, '38, 70; *Va.* '37, 237–244, '40, 174, 176, 178; *destr.* '37, 244; *egg.* '34, 95; *flight.* '33, 313; '37, 241; *hbt.* '32, 477, '34, 95; '36, 236; '37, 237–244; *incub.* '37, 238–239; *nid.* '37, 237–244, 456, '38, 70; *pl.* '37, 237, 244; *misc.* '36, 63.
oblita, *Guat.* '35, 483.
- Rynchotus rufescens**, *avic.* '39, 100.
- Ryves, B. H.**

Yellow-billed cuckoo in Cornwall (rev.), '39, 206.

S

- saba** (*Malacopteron*), see *Malacopteron*.
sababensis (*Terpsiphone*), see *Terpsiphone*.
sabini (*Bonasa*), see *Bonasa*.
— (*Xema*), see *Xema*.
- sacra** (*Demigretta*), see *Demigretta*.
— (*Sarcorhamphus*), see *Vultur*.
— (*Vultur*), see *Vultur*.
- saghalinensis** (*Dryobates*), see *Dryobates*.
Sagittarius serpentarius (*Secretary-bird), *behav.* '38, 581.
- sagittata** (*Chthonicola*), see *Chthonicola*.
sagittatus (*Otus*), see *Otus*.
- Saint Lucia.**
Danforth, S. T., '35, 475–476 (rev.).
saira (*Piranga*), see *Piranga*.
- Sakhalin Island.**
Takahashi, T., '38, 698 (rev.), '40, 132 (rev.).
- sakhalina** (*Pelidna*), see *Pelidna*.
salicamans (*Astragalinus*), see *Spinus*.
— (*Spinus*), see *Spinus*.
- salicaria** (*Guiraca*), see *Guiraca*.
salicarius (*Parus*), see *Parus*.
salicicola (*Hylocichla*), see *Hylocichla*.
saliens (*Rhopodytes*), see *Rhopodytes*.
salimalii (*Erythrina*), see *Erythrina*.
sallei (*Cyrtonyx*), see *Cyrtonyx*.
- Salman, Samuel, Bartsch, P., et al.**
see *Bartsch et al.*
- Salomonsen, Finn.**
On the geographical variation of the snow bunting (*Plectrophenax nivalis*) (rev.), '31, 312.
Four new birds and a new genus from Madagascar (rev.), '34, 423.
On the arrangement of some West African kingfishers (rev.), '34, 426.
Notes on the Philippine paradise flycatchers (rev.), '38, 307.
- Salpinctes obsoletus** (*Rock Wren), *Ida.* '37, 98; *Mex.* '35, 255; *Okla.* '38, 505; *Utah.* '38, 303;—*fd.* '38, 303; *myol.* '38, 642; *note.* '37, 98.
- Salpornis, Afr.** '37, 216.
- Saltator, tax.** '37, 212.
atriceps, *Br. Hond.* '40, 549; *Guat.* '40, 549; *Mex.* '37, 198–199, '40, 549; *Nic.* '37, 199.—*meas.* '40, 548; *plm.* '37, 199.
brevicaudus, *C. R.* '32, 133.
flavicristatus, *Mex.* '37, 198–199.—*plm.* '37, 199.
grandis, *Hond.* '36, 193.—*colors.* '36, 193; *tax.* '32, 133.
intermedius (Buff-throated Salta-

- tor), *Cent. Am.* '40, 296.—song, '40, 296.
- isthmicus** (Panama Streaked Saltator), *Pan.* '35, 327.
- lacertosus**, *Pan.* '37, 199.
- peeti**, *Mex.* '40, 548–549*.—*descr.*, *meas.*, '40, 548.
- raptor**, *Yuc.* '37, 199, '40, 548, 549.—*meas.*, '40, 548.
- similis** (Allied Saltator), *Braz.* '38, 44.—*cowbird host*, '38, 41–44.
- Saltator, Allied, see Saltator assimilis.
- Buff-throated, see Saltator intermedius.
- Panama Streaked, see Saltator isthmicus.
- Salvador.**
- Dickey, D. R., and van Rossem, A. J., '38, 557–559 (rev.).
- Van Rossem, A. J., '39, 35.
- salvadori (Caprimulgus), see Caprimulgus.
- salvadorii (Galeopsar), see Galeopsar.
- Salvadoria waigiensis** (Salvadori's Duck), *anat., tax.*, '31, 639.
- salvini (Empidonax), see Empidonax.
- (Eubucco), see Eubucco.
- (Habia), see Habia.
- (Lampornis), see Lampornis.
- samios (Garrulus), see Garrulus.
- Samoa.**
- Armstrong, J. S., '32, 376–377 (rev.).
- Sanborn**, Colin Campbell.
- A hornet-wren nest, '32, 224.
- Sanborn**, C. C., Ford, E. R., and Coursen, C. B.
- see Ford, Sanborn and Coursen.
- sanborni (Strix), see Strix.
- sanctae-luciae (Cichlherminia), see Cichlherminia.
- sanctaemartae (Muscivora), see Muscivora.
- sancti-johannis (Archibuteo), see Buteo s. johannis.
- sancti-thomae (Dendrocolaptes), see Dendrocolaptes.
- sanctorum (Dryobates), see Dryobates.
- sanctus (Halcyon), see Halcyon.
- Sanderling, see Crocethia alba.
- sandgroundi (Chlorophoneus), see Chlorophoneus.
- Sandpiper, Baird's, see Pisobia bairdi.
- Bartram's, see Bartramia longicauda.
- Common, see Actitis hypoleucos.
- Curlew, see Erolia testacea.
- Eastern Solitary, see Tringa solitaria.
- Green, see Tringa ochropus.
- Least, see Pisobia minutilla.
- Pectoral, see Pisobia melanotos.
- Purple, see Arquata maritima.
- Red-backed, see Pelidna sakhalina.
- Rufous-necked, see Pisobia ruficollis.
- Semipalmated, see Ereunetes pusillus.
- Sharp-tailed, see Pisobia acuminata.
- Solitary, see Tringa solitaria.
- Spotted, see Actitis macularia.
- Stilt, see Micropalama himantopus.
- Western, see Ereunetes mauri.
- Western Solitary, see Tringa cinna-momea.
- White-rumped, see Pisobia fuscicollis.
- Sandues**, Gunnar, and **Danforth**, C. H.
- see Danforth and Sandues.
- sandvicensis (Nesochen), see Nesochen.
- (Sterna), see Thalasseus.
- (Thalasseus), see Thalasseus.
- sandwichensis (Asio), see Asio.
- (Passerculus), see Passerculus.
- sanfordi (Cyornis), see Cyornis.
- (Erythrura), see Erythrura.
- (Perisoreus), see Perisoreus.
- (Rhamphozosterops), see Rhamphozosterops.
- sanguinea (Kakatoe), see Kakatoe.
- sanguineiceps (Picus), see Picus.
- sanguinolenta (Phlogothraupis), see Phlogothraupis.
- (Piranga), see Piranga.
- sansibaricum (Synnium), see Ciccaba nigricantius.
- santaritae (Psaltiriparus), see P. plumbeus.
- saonae (Saurothera), see Saurothera.
- Sapsucker, Natalie's, see Sphyrapicus nataliae.
- Southern Red-breasted, see Sphyrapicus daggetti.
- Williamson's, see Sphyrapicus thyroideus.
- Yellow-bellied, see Sphyrapicus varius.
- saracura (Aramides), see Aramides.
- Sarcops**, P. I. '38, 694.—*tax.*, '38, 694.
- calvus**, *misc.*, '35, 360.
- Sarcoramphus papa** (King Vulture, ^bGypagus, ^cVultur), *Fla.* '36, 383, 391.
- dist.*, '36, 282, 391; *hist.*, '36, 387; *meas.*, '36, 390; *pter.*, '39, 409; *misc.*, '36, 384–392, 386^b, 390^c.
- sarda (Fringilla), see Fringilla.
- Sardinia.**
- Van Marle, J. G., and Hens, P. A., '39, 497 (rev.).
- Sargent**, William Dunlap.
- Nest parasitism of hawks, '38, 82–84.
- sarkari (Dendrocitta), see Dendrocitta.
- Sarkidiornis sylvicola**, *Br. Guiana*, '37, 233.
- sarmentica (Zosterops), see Zosterops.
- Sarothrura**, *Afr.* '40, 260.
- watersi**, *Mad.* '37, 216.
- sartorii (Strix), see Strix.
- Saskatchewan.**
- Coffey, B. B., Jr., '38, 518.
- Gross, A. O., '31, 511.

- Knowles, E. H. M., '38, 675-676.
 Lewis, H. F., '31, 209.
- Sass, Herbert** Ravenal.
 Magpie (*Pica pica hudsonia*), in South Carolina, '34, 524-525.
- Satrapa septentrionalis**, S. Am. '38, 309.
satrapa (*Regulus*), see *Regulus*.
- Satterthwait, Alfred** Fellenberg.
 How to control billbugs destructive to cereal and forage crops (rev.), '35, 115.
- saturata* (*Hypotaenidia*), see *Hypotaenidia*.
 — (Pipra), see *Pipra*.
 — (Pulsatrix), see *Pulsatrix*.
 — (Tribura), see *Tribura*.
- saturation* (*Colaptes*), see *Colaptes*.
 — (Tchitrea), see *Tchitrea*.
saturatus (*Bubo*), see *Bubo*.
 — (Hylophilus), see *Hylophilus*.
 — (Hypocnemis), see *Hypocnemis*.
 — (Passer), see *Passer*.
 — (Ptilorhoa), see *Ptilorhoa*.
 — (Rallus), see *Rallus*.
 — (Thripias), see *Thripias*.
- Saucerottia**, *tax*. '34, 277.
cyanifrons, *Colom.* '37, 405.—*hyb.* '37, 405.
florenceae, *Mex.* '38, 583.—*type loc.* '38, 583.
montaguae, *Guat.* '36, 241.
niveoventer, *Pan.* '33, 301.
viola (**Violaceous Hummingbird*), *Mex.* '39, 317*, 444.—*nest*, '39, 317*.
- Saunders, Aretas** Andrews.
 The recent nesting of the piping plover in Connecticut, '32, 80-81.
 The Iceland gull in Connecticut, '32, 84.
 Increase of the roseate tern in Connecticut, '32, 84-85.
 Wilson's warbler in Connecticut in January, '32, 355.
 The purple gallinule in Connecticut, '33, 99.
 The black tern in Connecticut in spring, '33, 105.
 [Obituary of] Edgar Crane Stiles, '34, 136.
 A curious habit of gulls, '34, 234.
 A guide to bird songs (rev.), '35, 205-206.
 The whistling swan in Connecticut, '36, 204.
 Some late spring records of water birds in Connecticut, '36, 226.
 The relation of field characters to the question of species and subspecies, '36, 283-294.
 Injury-feigning by a wood duck, '37, 202-203.
- Ecology of the birds of Quaker Run Valley, Allegany State Park, New York (rev.), '37, 420.
 The chipping sparrow's song, '39, 89.
 Studies of breeding birds in the Allegany State Park (rev.), '39, 206.
- Saunders, George** Bradford.
 Starlings wintering in central and western Texas, '33, 440.
 Description of a new meadowlark from southwestern Mexico, '34, 42-45.
- Saunders, William** Edwin.
 Losing the bird songs, '34, 503-506.
 The cardinal in Canada (rev.), '39, 499.
- Saunders, W. E., and Dale, E. M. S.**
 History and list of birds of Middlesex County, Ontario (rev.), '34, 267.
- Sauromarptis archboldi**, *N. Guinea*, '38, 697.
- Sauropatis collaris** (White-collared Kingfisher), *P. I.* '38, 213-214.—*hbt., nid.*, '38, 213-214.
- Saurothera saonae**, *Dom. Rep.* '34, 267.
- Savage, James.**
 Water birds at Niagara Falls (rev.), '40, 438.
- savanna* (*Passerculus*), see *Passerculus*.
- Savary, Walter** Burgess, 1855-1936.
 Obituary, '36, 257-258, '37, 126.
- savignii* (*Hirundo*), see *Hirundo*.
- Sawyer, Emory.**
 Yellow-headed blackbird (*Xanthocephalus xanthocephalus*) in northern Ohio, '34, 527.
- saxatilis* (*Acanthylis*), see *Aëronautes*.
 — (*Aëronautes*), see *Aëronautes*.
 — (*Alectoris*), see *Alectoris*.
- Saxicola**, *hbt.* '40, 176.
kleinschmidti, *China*, '35, 110.
leucura (**Burmese Stonechat*), *misc.* '38, 304*.
lugens, *Jerusalem*, '33, 180.
melanoleuca, *Jerusalem*, '33, 180.
nilgiriensis, *India*, '40, 595.
rubetra (**Whinchat*), *Arabia*, '37, 108*.
rubicola, *dist.* '38, 696.
sennaarensis, *syn.* '37, 405.
stonei, *Angola*, '31, 304.
torquata, *syst.* '31, 304.
- Say, Thomas**, 1787-1834.
 Biography, '31, 299-300 (rev.).
saya (*Sayornis*), see *Sayornis*.
sayaca (*Thraupis*), see *Thraupis*.
- Sayornis**, *Peru*, '40, 277.
amnicola, *C. R., Nic.* '36, 192.—*meas.* '36, 192.
aquatica, *Guat.* '36, 192; *Hond.* '36, 186, 192.—*colors, meas.* '36, 192.
nigricans (**Black Phoebe*), *Calif.*

- '35, 428; *Mex.* '35, 254, 421^a.—*dist.* '35, 428; *misc.* '36, 118^a, '40, 130^a.
- phoebe** (*Eastern Phoebe, Phoebe). *Ark.* '31, 237; *Colo.* '37, 526; *Ind.* '38, 281^a; *La.* '40, 409, 410; *N. H.* '38, 548; *N. C.* '34, 237–238; *O.* '31, 369, '34, 386^a, '37, 326; *Okla.* '36, 433; *S. C.* '34, 537, '36, 313; *Va.* '34, 524.—*alb.* '34, 524; *blood.* '37, 517; *cowbird host.* '34, 386^a; *destr.* '40, 409–410; *feather count.* '36, 163^a, 166^a; *hbt.* '34, 237–238; *nest.* '36, 433; *paras.* '37, 177^a; *song.* '35, 40–52^a, '38, 266^a, 687^a; *temp.* '38, 156^a, '40, 276^a; *wt.* '31, 574, '37, 326, '38, 442, 514; *wing area.* '38, 514; *misc.* '31, 543^a, '33, 236^a, '37, 66, 69^a, 527, '38, 568^a.
- saya** (*Say's Phoebe), *Ind.* '38, 280; *Kans.* '31, 60; *Mex.* '35, 254, 421^a, 424^a, '40, 236, 238; *Mont.* '34, 379; *N. D.* '32, 105.—*hbt.* '31, 59, 60; *nest.* '32, 105.
- scandiaca** (Nyctea), see *N. nyctea*.
- scapularis** (Aegithina), see *Aegithina*.
- (*Alisterus*), see *Alisterus*.
- (*Fringilla*), see *Pipilo oregonus*.
- scapulatus** (Corvus), see *Corvus*.
- Scardafella dialeucos**, *C. R.* '33, 300.
- inca** (Inca Dove), *Mex.* '35, 423.—*life hist.* '34, 560.
- Scaup, New Zealand, see *Nyroca novae-seelandiae*.
- Scelorchilus mochae**, *Chile.* '35, 213.
- schach** (Lanius), see *Lanius*.
- schaeferi** (Passer), see *Passer*.
- Schäfer**, Ernst.
- Third preliminary report on the results of the second Dolan Expedition to west China and Tibet: Four new birds from Tibet (rev.), '38, 580.
- Ornithologische Ergebnisse zweier Forschungsreisen nach Tibet (rev.), '38, 697.
- schäferi** (Charadrius), see *Charadrius*.
- schalowi** (Tauraco), see *Tauraco*.
- (*Turacus*), see *Tauraco*.
- Schantz**, William Edward.
- A nest-building male song sparrow, '37, 189–191.
- schauensee** (Garrulax), see *Garrulax*.
- Schell**, John Willis, 1863–1931.
- Obituary, '33, 83.
- Schenk**, Jakob.
- Der Zug des Kranichs im historischen Ungarn (rev.), '38, 580.
- Schiemann**, Kurt.
- Vom Erlernen unbenannter Anzahlen bei Dohlen (rev.), '40, 438.
- Schifferli**, Alfred, and **Rüppell**, W.
- see *Rüppell* and *Schifferli*.
- Schiffornis aeneus**, *Peru.* '37, 230.
- duida**, *Venes.* '37, 230.
- Schildmacher**, H.
- Zur Physiologie des Zugtriebes (rev.), III, '38, 154–155; IV, '39, 107.
- Histologische Untersuchungen an Vogelhypophysen. I. Die Zelltypen der Amsel *Turdus merula* L. (rev.), '38, 307.
- Schildmacher**, H., and **Wagner**, H. O.
- see *Wagner* and *Schildmacher*.
- schillmöller** (*Caprimulgus*), see *Caprimulgus*.
- schimperi** (*Columba*), see *Columba*.
- schinzii** (*Pelidna*), see *Pelidna*.
- Schjölter**, Eiler Lehn, 1874–1929.
- Danmarks fugle, bind II, III (rev.), '31, 457–458.
- schioleri** (*Oenanthe*), see *Oenanthe*.
- schistacea** (*Passerella*), see *Passerella*.
- (*Spermophila*), see *Spermophila*.
- schistaceus** (*Garrulax*), see *Garrulax*.
- schistisagus** (*Larus*), see *Larus*.
- Schistocichla**, *tax.* '32, 133.
- Schizoeaca fuliginosa**, *Ecuad.* '34, 151.
- Schmaus**, Martin.
- Der Einfluss der Mausjahre auf das Brutgeschäft unserer Raubvögel und Eulen (rev.), '39, 206.
- Schmid**, Edward Sidney, 1856–1939.
- Obituary, '40, 148.
- Schmidt**, Arthur, **Noble**, G. K., and **Wurm**, M.
- see *Noble*, *Wurm* and *Schmidt*.
- Schmidt**, Karl Patterson, **Hesse**, R., and **Allee**, W. C.
- see *Hesse*, *Allee* and *Schmidt*.
- Schneider**, Wolfgang.
- Beringungs-Ergebnisse an der mittel-europäischen Schleiereule (*Tyto alba guttata* Brehm) (rev.), '38, 307.
- Schnurre**, Otto.
- Zum Vogelfang des grossen Buntspechts (rev.), '37, 226.
- Zur Frage der Familienauflösung beim Vogel (rev.), '38, 155.
- schoeniculus** (*Emberiza*), see *Emberiza*.
- Schonnegg**, Julian Eliot, ————1936.
- Obituary, '37, 126.
- Schönwetter**, M., **Stresemann**, E., and **Meise**, W.
- see *Stresemann*, *Meise* and *Schönwetter*.
- Schorger**, Arlie William.
- Notes from Wisconsin, '31, 282–283.
- Arkansas kingbird at Roxbury, Wisconsin, '31, 603.
- Prairie marsh wren wintering near Madison, Wisconsin, '31, 614–615.
- The birds of Dane County, Wisconsin. Part II (rev.), '31, 627–628.
- Franklin's gull at Madison, Wisconsin, '32, 220.

- Notes from Madison, Wisconsin, '32, 493-494.
- Notes from Wisconsin, '34, 254-255.
- Notes on the distribution of some Wisconsin birds. II. Brewer's black-bird (*Euphagus carolinus* [sic.]), '34, 482-486.
- Notes from the Madison, Wisconsin, region, '34, 533-534.
- Canada jay breeding in Wisconsin, '37, 392-393.
- The great Wisconsin passenger pigeon nesting of 1871 (rev.), '38, 307, 697.
- Unpublished manuscripts by Cotton Mather on the passenger pigeon, '38, 471-477.
- The last passenger pigeon killed in Wisconsin, '38, 531-532.
- Arkansas kingbird in Wisconsin, '39, 86.
- Spring flight of golden plover at Madison, Wisconsin, '39, 475.
- Notes from Wisconsin, '39, 483.
- Parasitism of the red-wing by the cowbird, '40, 118.
- Schouteden, H.**
Contribution a la faune ornithologique du nord-est du Congo Belge (rev.), '36, 358.
- schoutedeni* (*Anthus*), see *Anthus*.
- (*Apalis*), see *Apalis*.
- schreineri* (*Nothura*), see *Nothura*.
- Schulze, Paul.**
Die erste Zecke von einer Salangane, *Ixodes collocaliae* n. sp. von Neupommern (rev.), '37, 567.
- schulzei* (*Thraupis*), see *Thraupis*.
- schulzi* (*Paroaria*), see *Paroaria*.
- Schuster, Ludwig.**
Einige Bemerkungen zum Brutgeschäft des Kleinspechts (rev.), '37, 226.
- Zur Frage der Familienauflösung beim Vogel (rev.), '38, 155.
- Schütz, Ernst.**
Ring-Wiederfunde auswärtiger Stationen 13 (rev.), '37, 226.
- Ringfunde europäischer Rauchschwalben (*Hirundo r. rustica*) in Afrika (rev.), '38, 155.
- Vom Heimzug des weissen Storchs 1937 (rev.), '38, 307-308.
- Schütz, E., and Bodenstein, G.**
see Bodenstein and Schütz.
- Schütz, E., and Krätzig, H.**
see Krätzig and Schütz.
- scintillans* (*Graphiphasianus*), see *Syrmaticus*.
- (*Syrmaticus*), see *Syrmaticus*.
- scintillata* (*Chalcopsitta*), see *Chalcopsitta*.
- scirpaceus* (*Acrocephalus*), see *Acrocephalus*.
- scirpicola* (*Geothlypis*), see *Geothlypis*.
- scitulus* (*Basileuterus*), see *Basileuterus*.
- Sc Slater, William Lutley.**
[Presented with the Godman-Salvin Medal], '31, 331.
- Aves, Zoological Record (rev.), 1930, '32, 125; 1937, '39, 351-352.
- A note on some American orioles of the family Icteridae (rev.), '39, 206.
- Sc Slater, W. L., and Jackson, Sir F. J.**
see Jackson and Slater.
- Sc Slater, W. L., and Moreau, R. E.**
see Moreau and Slater.
- sc Slateri* (*Aëronautus*), see *Aëronautus*.
- (*Casuarus*), see *Casuarus*.
- (*Eudypetes*), see *Eudypetes*.
- (*Icterus*), see *Icterus*.
- (*Monasa*), see *Monasa*.
- (*Parus*), see *Parus*.
- (*Penelope*), see *Penelope*.
- (*Thraupis*), see *Thraupis*.
- Sclerurus pullus**, *Pan.* '33, 301.
- Scoleophagus affinis** (*Euphagus*), *fos.* '35, 361.—*tax.* '35, 361^b.
- scolopaceus* (*Aramus*), see *Aramus*.
- (*Eudynamis*), see *Eudynamis*.
- (*Limnodromus*), see *Limnodromus*.
- Scolopacidae**, *eye.* '38, 238; *paras.* '37, 506, '40, 517; *tax.* '31, 635.
- Scolopax rusticola** (*European Woodcock*), *Ala.* '39, 482; *O.* '36, 329-330; *Pa.* '36, 330; *Va.* '36, 330.—*fd.* '37, 218^a; *hbt.* '39, 108; *plm.* '39, 482; *wl.* '36, 329; *misc.* '32, 253^a, '35, 208^a.
- Scopidae**, '40, 317.
- scopifrons* (*Sigmodus*), see *Sigmodus*.
- Scops**, see *Otus*.
- scops* (*Otus*), see *Otus*.
- scopulinus* (*Larus*), see *Larus*.
- Scopus bannermani** (*Hammerhead*), *Afr.* '40, 317, 324.—*aviary.* '38, 698^a; *fledg.* '40, 317; *incub.* '40, 317.
- Scoter*, American, see *Oidemia americana*.
- Surf*, see *Melanitta perspicillata*.
- Velvet*, see *Melanitta fusca*.
- White-winged*, see *Melanitta deglandi*.
- Scotiaptex lapponica** (*Lap Owl*, *bStrix*), *fd.* '34, 258; *misc.* '38, 180^b.
- nebulosa* (*Great Gray Owl*), *Conn.* '34, 521, '38, 533-534; *Ind.* '33, 436, '35, 463; *Labr.* '39, 352^a; *N. Y.* '38, 279-280.—*foot.* '36, 52; *meas.* '38, 279.
- scoticus* (*Lagopus*), see *Lagopus*.
- Scotland.**
Baxter, Evelyn B., and Rintoul, Leonora J., '39, 99 (rev.).
- Berry, J.*, '40, 583-584 (rev.).
- Clancey, P. A.*, '39, 201 (rev.), 354 (rev.), '40, 431 (rev.).

- Darling, F. F., '38, 684-685 (rev.).
 Duncan, A. B., '38, 691 (rev.).
 Jourdain, F. C. R., '40, 128 (rev.).
 Leach, Elsie P., '40, 435 (rev.).
 McWilliam, J. M., '40, 129 (rev.).
 Nethersole-Thompson, C. and D., '39, 358 (rev.).
 Nicholson, E. M., and Fisher, J., '40, 592 (rev.).
 Robinson, H. W., '38, 154 (rev.).
Scotopelia peli (*Fish-eating Owl), *Rhodesia*, '38, 106*.
Scotornis climacurus (Long-tailed Night-jar), *Afr.* '38, 302.—*misc.* '31, 313.
scotorum (Procellaria), see Procellaria.
Scott, Carroll D.
 Who killed the condors (rev.), '37, 226-227.
Scott, Thomas George.
 American knot in Iowa, '38, 275-276.
Scott, Walter Edwin.
 Old-squaws taken in gill-nets, '38, 668.
 Data from ninety eastern crows, '38, 673.
 Winter bird mortality in Wisconsin, 1939-1940, '40, 407-408.
 Eskimo curlew record corrected, '40, 566-567.
scotti (Rallus), see Rallus.
Scoville, Samuel, Jr.
 The nesting of the Canada warbler in Connecticut, '34, 526.
 Ivory-bills and paroquets (rev.), '40, 438.
 Screamer, see *Chauna chavaria*.
 Common, see *Chauna torquata*.
 Horned, see *Anhima cornuta*.
 Scrub Bird, Noisy, see *Atrichornis clamosa*.
 Scrub-robin, African, see *Erythropygia leucophrys*.
 Scrub-wren, Large-billed, see *Sericornis magnirostris*.
 White-browed, see *Sericornis frontalis*.
 Yellow-throated, see *Sericornis lathamii*.
Scytalopus, *Peru*, '40, 278.
argentifrons, *Pan.* '39, 306.
spillmanni, *Ecuad.* '37, 569.
Scythrops novae-hollandiae (*Channel-billed Cuckoo), *hbt.* '33, 385-395*.
Sears, Annie Lyman, ——— -1932.
 Obituary, '33, 83.
Sears, Ruth Williams (Mrs. George Gray Sears), 1876-1929.
 Obituary, '31, 86.
seclusus (Empidonax), see Empidonax.
 Secretary-bird, see *Sagittarius serpentarius*.
Sedgwick, James Howard.
 An unusual concentration of black terns (rev.), '40, 593.
Sedwitz, Walter, Carleton, G., et al.
 see Carleton, Sedwitz et al.
seebohmii (Dromoeocercus), see Dromoeocercus.
 Seed-eater, Hick's, see *Sporophila aurita*.
 Pygmy, see *Sporophila minor*.
 Sharpe's, see *Sporophila sharpei*.
 Yellow-bellied, see *Sporophila gutturalis*.
sefilata (Parotia), see Parotia.
Seibert, Henri Cleret, Hampe, I., and Kolb, H.
 see Hampe, Seibert and Kolb.
Seicercus, *Burma*, '39, 499.
laurae, *Angola*, '32, 253.
Seiple, Stanley Julius.
 White herons near Hartstown, Crawford Co., Pa., '31, 113.
Seiurus aurocapillus (*Oven-bird), *Antigua*, '34, 363; *D. C.* '38, 679*; *Fla.* '31, 247*; *Ga.* '31, 616; *Ill.* '38, 541; *Labr.* '31, 129*; *Mass.* '31, 215-228; *Mich.* '38, 148-149*; *O.* '34, 386*; *Okla.* '38, 506; *Va.* '34, 393, '37, 461; *Wyo.* '34, 256.—*blood*, '37, 518; *cowbird host*, '34, 386*; '38, 149*; *destr.* '38, 679*; *feather count*, '36, 168*; *hbt.* '36, 126*, 366-367*, 481*; '38, 148-149, '40, 256*, 589*; *life hist.* '31, 215-228, '38, 148-149*; *mig.* '34, 256; *note*, '38, 490*; *song*, '31, 215-216, '35, 40-52*, '38, 267*; *wt.* '31, 574, '38, 444; *misc.* '36, 65*, '37, 396*, '38, 569*, '39, 348*.
furvior, *misc.* '36, 104.
limnaeus, *tax.* '34, 117.
motacilla (*Louisiana Water-thrush), *Ala.* '38, 283*; *Antigua*, '34, 363; *Fla.* '35, 321, 463; *Kans.* '35, 466, '36, 451; *Mich.* '35, 481; *Minn.* '38, 563*; *N. C.* '32, 103, 105, '33, 233; *O.* '34, 386*; *Wisc.* '32, 493.—*blood*, '37, 518; *cowbird host*, '34, 386*, '36, 451; *feather count*, '36, 163*, 168*; *hbt.* '36, 126*; *nid.* '36, 451; *paras.* '37, 177*; *song*, '35, 40-52*, '38, 267*.
notabilis (*Grinnell's Water-thrush), *Ida.* '37, 98; *Kans.* '35, 466; *Mich.* '39, 99*; *Okla.* '38, 506; *W. Va.* '38, 677; *Wyo.* '34, 256.—*meas.* '38, 506; *mig.* '34, 256; *song*, '37, 98.
noveboracensis (*Northern Water-thrush, Water-thrush), *Antigua*, '34, 363; *B. C.* '38, 526*; *Man.* '35, 204; *Mex.* '40, 235; *Mich.* '39, 99*; *N. F.* '36, 344; *O.* '31, 371; *Pan.* '31, 121*; *Va.* '31, 129; *W. Va.* '34, 395*.—*song*, '38, 267*, 484-487*, 490*; *wt.* '35, 204, '38, 444, 514; *wing area*, '38, 514; *misc.* '37, 396*.
Selasphorus, '33, 86.

- alleni** (*Allen's Hummingbird), *nid.* '39, 494^a.
- platycercus** (*Broad-tailed Hummingbird), *Ariz.* '39, 322; *Calif.* '38, 170^a; *Mex.* '39, 444-446^a.—*misc.* '39, 110^a.
- rufus** (*Rufous Hummingbird), *Fla.* '35, 187, '36, 217; *Mont.* '38, 629-641; *Nebr.* '37, 109^a.—*behav.* '38, 629-639; *eye.* '38, 226^a, 228^a; *nid.* '38, 629-641; *plm.* '38, 639-641; *wt.* '38, 147^a.
- Selenidera hellmayri**, *Bras.* '37, 562.
- Selencides ignotus** (*Twelve-wired Bird of Paradise), *mlt.* '38, 147^a.
- sellardsi** (Ardea), see *Meleagris gallopavo*.
- Semeiophorus** (^bCosmetornis), *Afr.* '38, 302^b.
- vexillarius** (*Standard-winged Nightjar), *Afr.* '40, 260^a.
- semibadius** (Thryophilus), see *Thryophilus*.
- semi-collaris** (Nycticryphes), see *Nycticryphes*.
- (Rostratula), see *Nycticryphes*.
- Semimerula**, *tax.* '32, 133.
- Semioptera halmaherae**, *hbt.* '35, 350.
- semipalmata** (Aegialitis), see *Charadrius*.
- semipalmatus** (Catoptrophorus), see *Catoptrophorus*.
- (Charadrius), see *Charadrius*.
- (Limnodromus), see *Limnodromus*.
- semitorquatus** (Platycercus), see *Platycercus*.
- (Polihierax), see *Polihierax*.
- (Rhamphocaenus), see *Rhamphocaenus*.
- semota** (Reinardia), see *Reinardia*.
- Semple**, John Bonner.
- Glossy ibis in Florida, '32, 337-339.
- The Cape Sable sparrow and hurricanes, '36, 341.
- Smooth-billed ani in Florida, '37, 391.
- Little blue heron trapped by a clam, '37, 530.
- [Personal mention], '38, 587.
- Semple**, J. B., and **Sutton**, G. M.
- Nesting of Harris's sparrow (*Zonotrichia querula*) at Churchill, Manitoba, '32, 166-183.
- Hudsonian curlew, white-faced glossy ibis and black-bellied plover in Oklahoma, '38, 274-275.
- semplei** (Otus), see *Otus*.
- senator** (Lanius), see *Lanius*.
- senectum** (Todiostrom), see *Todiostrom*.
- senegala** (Lagonosticta), see *Lagonosticta*.
- (Tchagra), see *Tchagra*.
- senegalensis** (Burhinus), see *Burhinus*.
- (Centropus), see *Centropus*.
- (Chalcomitra), see *Chalcomitra*.
- (Stigmatopelia), see *Stigmatopelia*.
- senicula** (Pipilo), see *Pipilo*.
- senilis** (Pionus), see *Pionus*.
- sennaensis** (Saxicola), see *Saxicola*.
- sennetti** (Ammospiza), see *Ammospiza*.
- (Chordeiles), see *Chordeiles*.
- (Toxostoma), see *Toxostoma*.
- separabilis** (Pipra), see *Pipra*.
- septentrionalis** (Aegialitis), see *Aegialitis*.
- (Aimophila), see *Aimophila*.
- (Cathartes), see *Cathartes*.
- (Chloroceryle), see *Chloroceryle*.
- (Clytoceyx), see *Clytoceyx*.
- (Crypturellus), see *Crypturellus*.
- (Dryobates), see *Dryobates*.
- (Falco), see *Falco*.
- (Penthestes), see *Penthestes*.
- (Satrapa), see *Satrapa*.
- (Xenops), see *Xenops*.
- seri** (Heleodytes), see *Heleodytes*.
- Sericornis**, *tax.* '37, 416.
- arfakiana** (^bGerygone), *tax.* '31, 157, 157^b.
- cantans**, *tax.* '31, 157.
- dubius**, *Cape York*, '37, 416.
- frontalis** (*White-browed Scrub-wren), *cuckoo host*, '33, 385^a; *pl.* '33, 385^a.
- imitator**, *Papua*, '37, 416.
- lathamii** (*Yellow-throated Scrub-wren), *cuckoo host*, '33, 389^a.
- magnirostris** (*Large-billed Scrub-wren), *cuckoo host*, '33, 389^a.
- monticola**, *N. Guinea*, '37, 416.
- randi**, *Papua*, '37, 416.
- spilodera**, *N. Guinea*, '37, 416.
- stresemanni**, *tax.* '31, 157.
- tyrannulus**, *misc.* '33, 147.
- weylandi**, *Papua*, '37, 416.
- wondiwoi**, *Papua*, '37, 416.
- wuroi**, *N. Guinea*, '37, 416.
- Sericotes holosericeus** (Blue-breasted Hummer), *Antigua*, '34, 362; *V. I.* '38, 553.—*fd.* '34, 362.
- Seriema**, see *Cariama cristata*.
- Serin**, see *Serinus serinus*.
- West African**, see *Serinus caniceps*.
- Serinus canarius** (Canary), *behav.* '39, 381-406; *disease*, '40, 332.
- caniceps** (*West African Serin), *misc.* '37, 233^a.
- gertrudis**, *Afr.* '34, 560.
- grotei** (^aaurifrons), *nomen.* '31, 635, 635^b.
- philbyi**, *Arabia*, '35, 348.
- serinus** (*Serin), *Swiss.* '32, 515.—*hyb.* '32, 267^a.
- serpentarius** (Sagittarius), see *Sagittarius*.

serrator (Mergus), see Mergus.

— (Moris), see Moris.

serripennis (Stelgidopteryx), see Stelgidopteryx.

Serventy, Dominic Louis.

Feeding methods of Podargus, with remarks on the possible causes of its aberrant habits (rev.), '37, 111.

The menace of acclimatization (rev.), '37, 420.

Waders and other aquatic birds on the Swan River Estuary, Western Australia (rev.), '39, 107.

A guide to the field identification of the waders (rev.), '39, 108.

The feeding habits of cormorants in south-western Australia (rev.), '39, 359.

Observations on South Australian sea birds (rev.), '40, 275.

The white-breasted petrel of South Australia (rev.), '40, 275.

The sternum in the subgenus Reinholdia (rev.), '40, 275.

Migration records at sea (rev.), '40, 275.

Serventy, D. L., and Mayr, E.

see Mayr and Serventy.

Setaria, tax. '33, 364.

Setophaga picta (Painted Redstart), Mex. '38, 287.

ruticilla ('American Redstart, Redstart, tricolora), Ala. '38, 283^a; Antigua, '34, 363; D. C. '38, 679^a; Ill. '38, 541; La. '33, 441, 39, 92^b; N. F. '36, 344; N. Y. '36, 449^a; '40, 255-256; O. '31, 376, '34, 386^a, '36, 229; Ont. '39, 16; Pan. '35, 327; Pa. '36, 101; Que. '31, 243^a; S. Am. '40, 426^a; S. C. '36, 314.— alb. '36, 101; behav. '40, 255-256; cowbird host, '34, 386^a; destr. '38, 679^a; feather count, '36, 168^a; hbl. '36, 480^a, '40, 255-256; mig. '39, 16; note, '40, 255; paras. '37, 177^a, '40, 517; song, '38, 267^a, 486^a; wt. '38, 444, 514; wing area, '38, 514; misc. '37, 401^a.

setosus (Antrostomus), see Antrostomus.

— (Caprimulgus), see Antrostomus.

setschuanus (Picus), see Picus.

severa (Ara), see Ara.

Sewenov, N. M.

On the biology of the steppe lemming (Lagurus lagurus Pall.) and experiments for its control (rev.), '34, 416.

Sex Ratio.

Mayr, E., '39, 497 (rev.).

McIlhenny, E. A., '40, 85-93.

Shadle, Albert Ray.

A crow impaled in flight, '31, 270-271.

A Grand Island, New York, heronry, '31, 567-569.

Shag, European, see Phalacrocorax aris-totelis.

King, see Phalacrocorax carunculatus.

Macquarie Island, see Phalacrocorax traversi.

Shainin, Vincent Everett.

American and arctic three-toed woodpeckers in the Adirondacks, '39, 84-85.

Bobolink rises from ocean surface, '40, 256-257.

shanensis (Strix), see Strix.

shannoni (Ammospiza), see Ammospiza.

— (Thryospiza), see Ammospiza.

Sharland, M. S. R.

Two small terns (Sterna albifrons and Sterna nereis) (rev.), '39, 108.

Mimicry in wild cockatoos (rev.), '39, 108.

Sharp, Barton Lamar.

Prairie horned lark summering in Lancaster County, Pa., '33, 438.

Dickcissel (Spiza americana) and prairie horned lark (Otocoris a. praticola) again in Lancaster Co., Pa., '34, 531.

Sharp, B. L., and Beck, H. H.

see Beck and Sharp.

sharpai (Pulsatrix), see Pulsatrix.

— (Sporophila), see Sporophila.

Shaw, Henry Southworth.

An early figure of the great auk, '40, 112-113.

Shaw, Tsen-Hwang.

Notes on some non-passerine birds from Szechwan (rev.), '32, 258.

[Recent papers] (rev.), '35, 214.

The birds of Hopei Province (rev.), '38, 291-293.

Einige Bemerkungen zum Oberschenkelknochen des fossilen Strausses Struthio anderssoni Lowe von Chou Kou Tien in Nord-China (rev.), '38, 580.

The avifauna of Tsingtao and neighboring districts (rev.), '39, 108.

Double ovaries in some Chinese birds of prey (rev.), '39, 359.

The occurrence of two rare birds within the territory of Hopei Province (rev.), '39, 359.

The heronries at Tai-miao Park, Peking (rev.), '40, 438.

Studies on the Chinese jackdaw (rev.), '40, 438.

Variability in the body weight of the brambling (rev.), '40, 438.

Shaw, William Thomas.

Winter life and nesting studies of Hepburn's rosy finch in Washington

- State, part 1, '36, 9-16; part 2, '36, 133-149.
- Shea**, Daniel William, 1859-1930. Obituary, '31, 86, 648.
- Shearwater**, Audubon's, see *Puffinus lherminieri*.
- Black-vented, see *Puffinus opisthomelas*.
- Cory's, see *Puffinus borealis*.
- Galapagos, see *Puffinus subalaris*.
- Greater, see *Puffinus gravis*.
- Manx, see *Puffinus puffinus*.
- New Zealand, see *Thyellodroma bulteri*.
- Pink-footed, see *Puffinus creatopus*.
- Slender-billed, see *Puffinus tenuirostris*.
- Sooty, see *Puffinus griseus*.
- Townsend's, see *Puffinus auricularis*.
- Sheathbill**, see *Chionis alba*.
- Sheld-duck**, see *Tadorna tadorna*.
- Australian, see *Casarca tadornoides*.
- Sheldrake**, see *Mergus americanus*.
- Shelford**, Victor Ernest.
[On life zones and temperature laws] (rev.), '33, 130-131.
- Shelford**, V. E., and **Clements**, F. E.
see Clements and Shelford.
- Shelley**, Lewis Orman.
The golden eagle (*Aquila chrysaetos*) in Cheshire County, New Hampshire, '31, 118.
Some unusual bird notes from Cheshire County, New Hampshire, '31, 615-616.
Protective calls of two species of birds, '31, 622-623.
On the status of juncos in the east having white wing-bands (rev.), '32, 135.
A late fall occurrence of the wood thrush in Cheshire County, New Hampshire, '32, 224-225.
A winter record of the meadowlark in Cheshire County, New Hampshire, '32, 226-227.
Eider duck (*Somateria mollissima dresseri*) on the Connecticut River in 1932, '32, 345.
White-throated sparrow wintering in Cheshire County, New Hampshire, '32, 358.
Ring-billed gull (*Larus delawarensis*) on the New Hampshire and Maine coasts in July, '32, 476.
Least tern on the New Hampshire coast in July, '32, 477-478.
Canada jay in Cheshire County, New Hampshire, '33, 111.
Song sparrow in the stomach of a frog, '33, 123.
- Blue-winged teal breeding in Cheshire County, New Hampshire, '33, 354-355.
Some feeding habits of the solitary sandpiper, '33, 357-358.
A willet in the Connecticut Valley in New Hampshire, '33, 358.
Goshawk breeding in Cheshire County, New Hampshire, '34, 80.
Gull notes from the New Hampshire and Maine coasts, '34, 83.
Additional 1932 New Hampshire dove-kie records, '34, 83.
Singing of the tree swallow in New Hampshire, '34, 380-381.
Notes from Cheshire County and coastal New Hampshire, '34, 391-392.
Some notes on the yellow-bellied sapsucker in southwestern New Hampshire, '34, 523-524.
Flickers attacked by starlings, '35, 93.
New and rare species from Cheshire and Sullivan counties, New Hampshire, '35, 96-97.
Notes on the growth, behavior and taming of young marsh hawks, '35, 287-299.
Northern bald eagle: an addition to the New Hampshire list, '35, 305.
Albinism among New Hampshire ring-necked pheasants, '35, 307.
Notes from Cheshire County, New Hampshire, '36, 94.
Connecticut River, New Hampshire, notes, '36, 224-225.
Greater snow goose in New Hampshire, '37, 532.
Whistling swan in New Hampshire, '38, 271.
Milk snakes vs. birds, '38, 548.
shellei (*Streptopelia*), see *Streptopelia*.
— (*Trachyphonus*), see *Trachyphonus*.
- Sheppard**, Roy Watson.
Notes on the birds of Jerusalem, '33, 179-186.
Mid-summer bird notes from Long Point, Norfolk County, Ontario, '35, 196-197.
The blue and the lesser snow goose at Niagara Falls, '36, 204-207.
The western willet on the Niagara River, '36, 444-445.
Forster's tern on the Niagara River, '37, 205-206.
Rare gulls at Fort Erie on the Niagara River (rev.), '38, 580.
Turkey vulture breeding in Norfolk County, Ontario, '39, 74-75.
A very late Blackburnian warbler, '39, 341.

- Blue-winged teal in unusual numbers at Fort Erie, Ontario, '39, 472.
- Sheppardia**, *Afr.* '40, 317.
- bangsi**, *Afr.* '40, 320.—*incub.* '40, 320, 323.
- cyornithopsis**, *Tanganyika*, '31, 150.
- boughtoni**, *Sierra Leone*, '31, 635.
- Sherman**, (Miss) Althea Rosina.
- Migrating blue jays, '31, 272–273.
- Red-winged blackbirds nesting in tree-tops near top of hill, '32, 358.
- Sherman**, Franklin, and **Hudson**, G. E. see Hudson and Sherman.
- sherriffi** (*Spelaecornis*), see *Spelaecornis*.
- Sherrill**, William Enos, 1868–1938.
- Obituary, '40, 148.
- Shields**, Thomas Edgar.
- Savannah sparrow nesting in West Virginia, '35, 96.
- Shoemaker**, Hurst Hugh.
- Social hierarchy in flocks of the canary, '39, 381–406.
- Shortt**, Terence Michael.
- The summer birds of Yakutat Bay, Alaska (rev.), '40, 131.
- Shortt**, T. M., and **Snyder**, L. L. see Snyder and Shortt.
- Shotwell**, Robert Leslie.
- A study of the lesser migratory grasshopper (rev.), '32, 378.
- Shoveller**, see *Spatula clypeata*.
- Australian, see *Spatula rhynchotis*.
- Shrike**, see *Lanius gambeli* and *L. ludovicianus*.
- California, see *Lanius gambeli*.
- Indian Pied, see *Hemipus picatus*.
- Loggerhead, see *Lanius ludovicianus*.
- Migrant, see *Lanius migrans*.
- Nile Helmet, see *Prionops concinnata*.
- Northern, see *Lanius borealis*.
- Northwestern, see *Lanius invictus*.
- Orange-breasted Bush, see *Chlorophoneus similis*.
- Philippine Black-headed, see *Lanius nasutus*.
- Red-backed, see *Lanius collurio*.
- Rufous-backed, see *Lanius schach*.
- White-rumped, see *Lanius excubitorides*.
- Yellow-billed, see *Corvinella corvina*.
- Shufeldt**, Robert Wilson, 1850–1934.
- Obituary, '34, 282–283, '35, 66.
- In memoriam, '35, 359–361, por.
- shufeldti** (*Junco*), see *Junco*.
- Shulpin**, Leonidas Michaelovich.
- Supplementary notes on the birds of Altai (rev.), '31, 298.
- Sialia**, *behav.* '40, 173.
- amabile**, *Mex.* '40, 129.
- australis** (Nelson's Bluebird, ^b*mexicana*), *Mex.* '40, 235^b, 236^b, 240.

- bairdi** (*Chestnut-backed Bluebird), *Ariz.* '36, 298, '39, 324; *Colo.* '34, 538^a; *Mex.* '35, 422.
- currucoides** (*Mountain Bluebird), *Alas.* '38, 555; *Alla.* '38, 47; *Kans.* '34, 382; *Minn.* '35, 456; *Nev.* '35, 467; *Utah.* '38, 300^a.—*cowbird host*, '38, 46–47; *hbt.* '35, 258^a, 467; *misc.* '38, 569.
- fulva** (Azure Bluebird), *Ariz.* '39, 164.—*dist., fd.,* '39, 164–165.
- grata**, *tax.* '35, 106.
- guatemalae** (Guatemalan Bluebird, ^b*sialis*), *Mex.* '40, 237^b, 240.
- occidentalis** (*Western Bluebird), *Mont.* '36, 231^a; *Ore.* '34, 538^a.—*hbt.* '32, 366, '35, 258^a; *misc.* '39, 358^a.
- sialis** (*Bluebird), *Ark.* '31, 239; *Conn. Val.* '32, 360^a; *Fla.* '38, 303^a; *Ga.* '32, 353^a; *Ill.* '36, 119^a; *Md.* '40, 335–347^a; *Mass.* '33, 109^a, '36, 86; *N. Y.* '38, 539; *O.* '31, 370, 377^a, '37, 326; *Ont.* '38, 303^a, '40, 403^a; *Tenn.* '39, 203^a; *Tex.* '38, 134; *Va.* '33, 452^a, '38, 538–539.—*band.* '38, 303^a, '40, 7^a; *behav.* '36, 86–87, '40, 174, 176, 178; *cause of color*, '36, 178–185; *feather count*, '36, 165^a, 167^a; *flight*, '33, 316^a, 452^a; *fd.* '32, 379^a, '33, 452^a, '40, 337^a; *hbt.* '33, 109^a; *mig.* '38, 303^a; *nid.* '32, 353^a, '36, 86, '38, 538–539, '40, 339–347^a; *song.* '38, 266^a; *wt.* '37, 326, '38, 422^a, 440, 441, 515; *wing area*, '38, 515; *misc.* '34, 201^a, '36, 87^a, 88^a, 184^a, 359^a, '37, 149^a, 401^a, '38, 492^a.
- sialis** (*Sialia*), see *Sialia*.
- Siam.**
- Deignan, H. G., '37, 407 (rev.), '38, 509–510, 570, 691 (rev.), '39, 101 (rev.), 354 (rev.).
- De Schauensee, R. M., '34, 411–412 (rev.), '38, 570 (rev.).
- Friedmann, H., and Deignan, H. G., '40, 127 (rev.).
- Giles, F. H., '37, 408 (rev.).
- Kelso, Estelle H., '37, 305.
- Mayr, E., and Greenway, J. C., Jr., '38, 576 (rev.).
- Riley, J. H., '39, 345 (rev.).
- siamensis** (*Caprimulgus*), see *Caprimulgus*.
- Siberia.**
- Grote, H., '40, 127 (rev.).
- Khakhloff, V. A., '37, 222 (rev.).
- Portenko, L., '36, 194–197, '39, 498–499 (rev.).
- Popham, H. L., '39, 498 (rev.).
- Scanlon, W. N., '40, 131 (rev.).
- Stegman, B., '38, 290–291 (rev.).
- siberiae** (*Strix*), see *Strix*.
- sibericus** (*Perisoreus*), see *Perisoreus*.

- Sibia simillima** (Gray Sibia), *Sumatra*, '38, 308.
 sibilans (Ptilorrhoa), see Ptilorrhoa.
 sibilatrix (Mareca), see Mareca.
 — (Phylloscopus), see Phylloscopus.
 sibiricus (Bubo), see Bubo.
 — (Turdus), see Turdus.
Sibley, Charles.
 Fossil fringillids from Rancho la Brea (rev.), '39, 499.
Sicalis danisa, *Braz.* '32, 257.
 flaveola (Saffron Finch), *Colom.* '31, 57.—*hbt.* '31, 53, 54, 57.
 holsti (Holt's Saffron Finch), *Braz.* '31, 57, '38, 44.—*cowbird host*, '38, 44; *hbt.* '31, 53, 57.
 pelzelni, *Braz.* '38, 44.—*cowbird host*, '38, 42, 44.
 striata, *Argent.* '38, 578.
Siccama, G. F. H. W. R. N., and Hoogerwerf, A.
 see Hoogerwerf and Siccama.
siciliae (Certhia), see Certhia.
Sick, Helmut.
 Morphologisch-funktionelle Untersuchungen über die Feinstruktur der Vogelfeder (rev.), '37, 567-568.
 Zwei neue Rassen vom Mt. Victoria, südliche Chin-Hills, Burma (rev.), '39, 499.
Sickness in Birds.
 Austin, O. L., and Austin, O. L., Jr., '31, 195-197.
 Bell, F., '37, 560 (rev.).
 Boughton, D. C., '37, 500-509.
 Brassard, J. A., and Bernard, R., '37, 515.
 Cahalane, V. H., '40, 290-291.
 Cole, R. K., '39, 101 (rev.).
 Erickson, A. B., '40, 514-519.
 Errington, P. L., '36, 326-327.
 Herman, C. M., '40, 433 (rev.).
 Herms, W. B., and Kadner, C. G., '38, 149 (rev.).
 Howard, W. J., '34, 513-516.
 Kalmbach, E. R., '32, 256 (rev.), '35, 120 (rev.).
 Low, C., '37, 414 (rev.).
 Meyer, K. F., '40, 330-332.
 Morley, L. C., and Wetmore, P. W., '37, 224 (rev.).
 O'Roke, E., '35, 121 (rev.).
 Rullier, and Heim de Balsac, H., '37, 567 (rev.).
 Siple, P. A., and Lindsey, A. A., '37, 158-159.
 Stern, K. G., and Kirschbaum, A., '39, 499 (rev.).
 Terres, J. K., '40, 571-572.
 Twomey, A. C., and Twomey, Sarah J., '40, 277 (rev.).
 Tyzzer, E. E., et al., '39, 208 (rev.).
 Ubach, F. A., '38, 583 (rev.).
 Uttal, L. J., '40, 573-574.
 Wellman, G. B., '38, 673-674.
 Wilson, I. D., '38, 311 (rev.).
sieberi (Aphelocoma), see Aphelocoma.
Siegler, Hilbert R., and Lay, D. W.
 see Lay and Siegler.
siemsseni (Junco), see Latoucheornis.
 — (Latoucheornis), see Latoucheornis.
sierrae (Dendragapus), see Dendragapus.
Siewert, Horst.
 Störche. Erlebnisse mit dem schwarzen und weissen Storch (rev.), '33, 247-248.
Sign of Birds.
 Vorhies, C. T., '35, 469-470.
Sigmodon scopifrons, *tax.* '34, 274.
Siivonen, Lauri.
 Die Stärkeviation des nächtlichen Zuges bei Turdus ph. philomelos Brehm und T. musicus L. (rev.), '37, 227.
Siivonen, L., and Palmgren, P.
 Ueber die Einwirkung der Temperatursenkung auf die Zugstimmung bei einer gekäfigten Singdrossel (Turdus ph. philomelos Brehm) (rev.), '37, 227.
siju (Glaucidium), see Glaucidium.
silvanus (Zosterops), see Zosterops.
Silver, J. C.
 Biology and morphology of the spindle worm, or elder borer (rev.), '35, 116.
 Silver-bill, Andean, see Lichenops andina.
 Silver-eye, see Zosterops halmaturina.
 Mayen's, see Zosterops mayeni.
silvestris (Edithornis), see Edithornis.
 — (Meleagris), see Meleagris.
simalurensis (Eudynamis), see Eudynamis.
similis (Ceophloeus), see Ceophloeus.
 — (Chloropeta), see Chloropeta.
 — (Chlorophoneus), see Chlorophoneus.
 — (Monasa), see Monasa.
 — (Saltator), see Saltator.
simillima (Sibia), see Sibia.
Simon, James Robert.
 Mating performance of the sage grouse, '40, 467-471.
Simons, Joseph, 1866-1935.
 Obituary, '39, 503-504, '40, 149.
Simoxenops, nomen. '37, 208*.
simplex (Nonnula), see Nonnula.
 — (Viridibucco), see Viridibucco.
sinaloensis (Otus), see Otus.
sinensis (Phalacrocorax), see Phalacrocorax.
singetra (Tchitrea), see Tchitrea.
sini (Cinclus), see Cinclus.

sinuata (Pyrrhuloxia), see Pyrrhuloxia.
sinuatus (Cardinalis), see Pyrrhuloxia texana.

— (Corvus), see Corvus.

sinuosa (Geothlypis), see Geothlypis.

sinus-honduri (Buteo), see Buteo.

Siphia erithacus, *tax.* '38, 172 (2).

Siple, Paul Allman, and Lindsey, A. A.
Ornithology of the Second Byrd
Antarctic Expedition, '37, 147-159.

Sirystes, *Peru*, '38, 312.

albogriseus, *Pan.* '33, 305.

Siskin, see Spinus spinus.

Mexican Pine, see Spinus macropterus.

Northern Pine, see Spinus pinus.

Pine, see Spinus pinus.

Sison, Pedro.

The slug caterpillar on Abaca (rev.),
'35, 116.

sitkensis (Dendragapus), see Dendragapus.

— (Loxia), see Loxia.

Sits, Erik.

Die Invasion der Schnee-Eule in Eesti
(Estland) im Winter 1935-36 (rev.),
'37, 568.

Sitta, *misc.* '38, 308-310.

aculeata (Slender-billed Nuthatch),
misc. '36, 22.

almorae, *India*, '31, 313.

atkinsi (Florida Nuthatch), *Ga.* '35,
461; *S. C.* '36, 313.—*misc.* '33, 154.

caesia (*Corsican Nuthatch), *hbt.*
'38, 312*.

canadensis (*Red-breasted Nut-
hatch), *Ark.* '35, 324; *Conn.* '33, 112*;
Labr. '37, 37; *Man.* '36, 224; *Mass.* '32,
482, '33, 112; *N. B.* '40, 259; *N. C.*
'32, 363, '33, 232; *O.* '33, 235, '37, 326;
S. C. '36, 313; *Utah*, '36, 231; *W. Va.*
'34, 395, '40, 577*.—*hbt.* '33, 112, '40,
176, 178; *nid.* '39, 357; *song.* '32, 482,
'33, 112*;
wt. '37, 326, '38, 442; *misc.*
'36, 307.

canescens, *Nev.* '31, 645.

caniceps (*Gray-headed Nuthatch,
Brown-headed Nuthatch, *bpusilla*),
Fla. '31, 246*, 254*, '39, 192.

carolinensis (*White-breasted Nut-
hatch, *bcookei*, *carolina*), *Ark.* '31,
239; *Ky.* '35, 465; *O.* '31, 370, '37, 326.
—*blood.* '37, 517; *fd.* '32, 379*, '38,
417-418*; *hbt.* '40, 176, 178; *meas.* '36,
25, 26; *nomen.* '37, 558*; *tax.* '35, 105b;
wt. '37, 326, '38, 422*, 423*, 435*, 438,
439; *misc.* '36, 22, 313, '40, 259.

chihuahuae (Chihuahuan Pygmy
Nuthatch, *bpygmaea*), *Mex.* '40, 235b,
240.

clara, *misc.* '38, 693.

delacouri, *Siam*, '39, 101.

europaea (European Nuthatch), *be-
hav.* '40, 171, 176; *misc.* '35, 487.

fortior, *Indo-China*, '39, 494.

insularis, *Bah. I.* '31, 644.

ligea, *Yunnan*, '39, 201.

melanotis (Black-eared Nuthatch),
Ariz. '39, 324.

mexicana (Mexican White-breasted
Nuthatch, *bcarolinensis*), *Mex.* '38, 270.
'40, 235b, 239.

nelsoni (Rocky Mountain Nut-
hatch), *Ariz.* '39, 324; *Rky. Mts.* '38,
270.

oberholseri (Chisos Nuthatch), *Tex.*
'38, 269-270*.—*descr., dist., meas.*, '38,
270.

pusilla (Brown-headed Nuthatch),
Fla. '39, 192; *Ga.* '35, 462; *Va.* '32, 484.
—*nest.* '32, 484, '35, 462.

subcaeruleus, *Turkestan*, '38, 695.

tonkinensis, *Indo-China*, '36, 247.

whistleri, *Indo-China*, '33, 148.

Sittasomus veraguensis, *Pan.* '38, 144.
Sittella, *Australia*, '37, 563 (2).—*hbt.* '37,
563.

Sittidae, *eye*, '38, 240; *hbt.* '40, 176.

Sittinae, *charac.* '36, 309-310.

s. johannis (Buteo), see Buteo.

Skaggs, Merit Bryan.

The occurrence of white herons in the
Youngstown, Ohio, region (rev.),
'37, 227.

Skimmer, see Rynchops nigra.

Black, see Rynchops nigra.

Dusky-tailed, see Rynchops cinerascens.

Skinner, Milton Philo.

Belted kingfishers wintering in the
Yellowstone National Park, '31, 601.

Skua, Brown, see Catharacta lönnerbergi.

Buffon's, see Stercorarius longicaudus.

Chilean, see Catharacta chilensis.

Great, see Catharacta skua.

Northern, see Catharacta skua.

South Polar, see Catharacta macrorhynchos.

skua (Catharacta), see Catharacta.

Skutch, Alexander Frank.

The life history of Rieffer's humming-
bird (Amazilia tzacatl tzacatl) in
Panama and Honduras, '31, 481-500.

Blue grosbeak (Guiraca caerulea eu-
rhyncha) breeding in Guatemala,
'33, 120-121.

A male kingfisher incubating at
night, '33, 437.

Male woodpeckers incubating at night,
'33, 437.

A nesting of the slaty antshrike
(Thamnophilus punctatus) on Barro
Colorado Island, '34, 8-16.

- Helpers at the nest, '35, 257-273.
 Life-history of the black-chinned jamaica, '37, 135-146.
 Social and sleeping habits of Central American wrens, '40, 293-312.
 Sky-lark, see *Alauda arvensis*.
 Formosan, see *Alauda wattersi*.
Slevin, Joseph Richard.
 Log of the schooner "Academy" on a voyage of scientific research to the Galapagos Islands 1905-1906 (rev.), '31, 625-626.
Slocum, Harry Spencer.
 Little blue heron at Radford, Va. '31, 112-113.
 Smew, see *Mergellus albellus*.
Smicrorhis brevirostris (Brown Weebill), *misc.* '35, 485.
Smiley, Daniel, Jr.
 Double-crested cormorant in inland New York, '32, 457.
Smith, Austin Paul.
 Some records for Costa Rica, '32, 496-497.
Smith, Clarence F.
 Avocet in South Carolina, '38, 277.
 An injured starling, '38, 540.
Smith, C. F., and **Hopkins**, C. L.
 Notes on the barn owls of the San Francisco Bay region (rev.), '38, 308.
Smith, Emily, and **Pickwell**, G. B.
 see **Pickwell** and **Smith**.
Smith, Floyd Franklin.
 [The black vine weevil] (rev.), '35, 115.
Smith, Frank Rush.
 A good bird blind, '35, 470.
 The food and nesting habits of the bald eagle, '36, 301-305.
Smith, Jesse Lowe, 1869-1934.
 Obituary, '35, 67.
Smith, Ronald Ward.
 Noteworthy records for Nova Scotia, '38, 548-550.
Smith, R. W., and **Lewis**, H. F.
 see **Lewis** and **Smith**.
Smith, Wendell Phillips.
 Cardinal at Woodsville, New Hampshire, '32, 228-229.
 Some observations of the nesting habits of the barn swallow, '33, 414-419.
 Occurrence of rough-winged swallow at Wells River, Vermont, '36, 218.
 An unusual nesting site of the slate-colored junco, '36, 222-223.
 Further notes on the nesting of the barn swallow, '37, 65-69.
 Notes from Vermont, '38, 552.
Smith, W. P., **Fortner**, H. C., and **Dole**, E. J.
 see **Fortner**, **Smith** and **Dole**.
Smiths, Geneva.
 [Obituary of] Thomas Leroy Hankinson, '36, 129.
smithi (*Hirundo*), see *Hirundo*.
 — (Niltava), see *Niltava*.
smithianus (*Odontophorus*), see *O. leucolaemus*.
smithsonianus (*Larus*), see *Larus*.
Smooker, George Douglas, and **Belcher**, C. F.
 see **Belcher** and **Smooker**.
Smyth, Ellison Adger, Jr.
 Swallow-tailed kite in Roanoke County, Virginia, '39, 75.
Smyth, Thomas.
 Snow geese in the Pennsylvania Appalachians, '40, 562-563.
Snethlage, Emilie, 1868-1929.
 Obituary, '31, 85, 161-162.
Snethlagea, Peru, '40, 595.
snethlagei (*Odontophorus*), see *Odontophorus*.
 Snipe, Common, see *Capella gallinago*.
 European, see *Capella gallinago*.
 European Jack, see *Lymnocyrtus minimus*.
 Painted, see *Rostratula australis* and *R. benghalensis*.
 Wilson's, see *Capella delicata*.
Snouckaert van Schauburg, Baron.
 De geographische Verbreiding der Pycnonotidae van Azië en den Indischen Archipel. VI (rev.), '37, 420.
Snyder, Lester Lynne.
 Paired ovaries in hawks, '31, 117-118.
 The hawks and owls of Ontario (rev.), '32, 258.
 In reference to 'The birds of Wrangell Island,' '35, 468-469.
 A study of the sharp-tailed grouse (rev.), '35, 477-478.
 The starling in Ontario (rev.), '37, 227-228.
 About birds in winter (rev.), '37, 228.
 Ivory gull from Oba, Ontario, '38, 279.
 An extralimital record of the magpie in Ontario (rev.), '38, 581.
 The northwest coast sharp-shinned hawk (rev.), '39, 108.
 A faunal investigation of western Rainy River district, Ontario (rev.), '39, 108.
 Great-Plains races of sharp-tailed grouse, '39, 184-185.
 Two birds with one stone (rev.), '39, 206.
 Golden eagle reported nesting in Ontario, '40, 565-566.
 Laughing gull breeding in Nova Scotia, '40, 568-569.

- Snyder, L. L., and Fleming, J. H.
see Fleming and Snyder.
- Snyder, L. L., and Hope, C. E.
A predator-prey relationship between the short-eared owl and the meadow mouse (rev.), '39, 108.
- Snyder, L. L., and Logier, E. B. S.
A faunal investigation of King Township, York County, Ontario (rev.), '31, 146.
A faunal investigation of Long Point and vicinity, Norfolk County, Ontario (rev.), '32, 125-126.
- Snyder, L. L., and Shortt, T. M.
A summary of recent events pertaining to the blue and lesser snow goose, '36, 173-177.
- Snyder, L. L., and Speirs, J. M.
On the status of the starling (*Sturnus vulgaris*) at Toronto (rev.), '38, 308.
- Snyder, Will Edwin, 1873-1937.
Obituary, '38, 585, 700, '39, 123.
- Snyder, Mrs. Will Edwin.
[Obituary of] Will E. Snyder, '38, 700.
sociabilis (*Rostrhamus*), see *Rostrhamus*.
socialis (*Philetaerus*), see *Philetaerus*.
Societe d'Etudes Ornithologiques.
[Formation], '34, 435.
soconuscensis (*Crypturellus*), see *Crypturellus*.
soderstromi (*Myrmotherula*), see *Myrmotherula*.
solandri (*Pterodroma*), see *Pterodroma*.
solaris (*Pericrocotus*), see *Pericrocotus*.
solimoensis (*Vireo*), see *Vireo*.
solimonensis (*Cranioleuca*), see *Cranioleuca*.
Solitaire, Townsend's, see *Myadestes townsendi*.
solitaria (*Tringa*), see *Tringa*.
solitarius (*Amblycercus*), see *Amblycercus*.
— (*Helodromas*), see *Tringa*.
— (*Myiodynastes*), see *Myiodynastes*.
— (*Vireo*), see *Vireo*.
solitudinis (*Buteo*), see *Buteo*.
— (*Carpodacus*), see *Carpodacus*.
solomonensis (*Nesasio*), see *Nesasio*.
— (*Pseudopteryx*), see *Nesasio*.
- Somateria borealis* (*Northern Eider, Eider Duck), *Baf. I.* '38, 492^a, '40, 15-16^a, 17^a; *Can.* '40, 13^a; *Franz-Joseph Land*, '33, 245; *Greenl.* '33, 135; *Labr.* '37, 18; *N. B.* '38, 388.—*fd.* '37, 20; *meas. of egg*, '37, 19-20; *mig.* '38, 388; *nest*, '37, 18; *paras.* '37, 41; *pl.* '37, 32^a; *wt.* '37, 20; *wt. of egg*, '37, 19-20.
dresseri (*American Eider, Eider, Eider Duck, *mollissima*), *Colo.* '32, 346; *Labr.* '37, 20; *Me.* '31, 589, 591, '38, 550, '39, 200^a; *Mass.* '32, 492, '33, 93, '39, 180^a; *N. B.* '38, 387-400^b; *N. H.* '31, 615, '32, 345, '36, 225; *Que.* '37, 20; *Va.* '33, 193.—*courtship*, '38, 388-389^b; *egg*, '38, 393-394^a, '40, 55^a; *fd.* '38, 388^b, 397-399^a; *hbt.* '38, 390-399^a; *incub.* '38, 394-396^a, '40, 55^a, 58^a; *life hist.* '38, 388-400^b; *meas.* '38, 398-399^a; *nid.* '38, 389-398^b, '39, 200^a; *note*, '38, 396-397^a; *pl.* '38, 387^a, 390^a, 398^a; *plm.* '38, 398^a; *wt.* '37, 20, '38, 398; *yng.* '38, 396-399^a; *misc.* '36, 365^a.
islandica, *Greenl.* '33, 135.
mollissima (*Eider), *Ice.* '38, 577^a.—*down production*, '38, 577^a.
spectabilis (*King Eider), *Alas.* '40, 86-87; *Baf. I.* '40, 14^a, 15^a, 16, 20^a; *Can.* '40, 13^a; *Conn.* '36, 226; *Ill.* '37, 203; *Ia.* '37, 203; *Md.* '33, 368; *Mass.* '36, 440; *Mich.* '36, 374; *N. C.* '38, 131; *O.* '40, 563-564; *S. C.* '37, 383, '38, 146^a; *Wisc.* '34, 367, '36, 324.—*fd.* '37, 383; *hbt.* '40, 86-87.
v-nigra (Pacific Eider), *Wrangell I.* '35, 469.
- Sommer, Joseph B.
Parasites of the European starling in Illinois, '37, 50-54.
- Song. (See also Voice of Birds).
Allard, H. A., '40, 269 (rev.).
Allen, F. H., '32, 483-484.
Anderson, A. H., '33, 453-454.
Axtell, H. H., '38, 481-491.
Brand, A. R., '32, 436-439, '34, 408-409 (rev.), '35, 40-52, '37, 107 (rev.), '38, 263-268, 687-688 (rev.).
Brand, A. R., and Axtell, H. H., '38, 125-126.
Burns, F. L., '38, 569 (rev.).
Clark, A., '38, 570 (rev.).
Clark, Edith M., '33, 112.
Colquhoun, M., '40, 588 (rev.).
Craig, W., '33, 174-178.
Gillespie, J. A., '33, 114.
Ingraham, S. E., '38, 614-628.
Kellogg, P., '39, 104 (rev.).
Lumley, E. D., '34, 239-240.
Marples, G., '39, 497 (rev.), '40, 436 (rev.).
Mayfield, G. R., '34, 554 (rev.).
Miller, L. H., '39, 106 (rev.), 188-189.
Nice, M. M., '31, 123-125, 215-216, '32, 93.
Nicholson, E. M., and Koch, L., '37, 106 (rev.).
Pitelka, F. A., '39, 340-341.
Quaintance, C. W., '38, 696 (rev.).
Richards, Viola F., '40, 437 (rev.).
Saunders, A. A., '35, 205-206 (rev.), '39, 89.
Saunders, W. E., '34, 503-506.
Shelley, L. O., '34, 380-381.

- Skutch, A. F., '40, 294-297.
 Trouche, L., '40, 594 (rev.).
 Tyler, W. M., '33, 363.
 Weydemeyer, W., '34, 86-87.
sonorae (*Pheugopedius*), see *Pheugopedius*.
sonorana (*Dendroica*), see *Dendroica*.
sonoriensis (*Agelaius*), see *Agelaius*.
 — (*Lanius*), see *L. excubitorides*.
Soper, Joseph Dewey.
 The blue goose (rev.), '32, 258.
 Local distribution of eastern Canadian Arctic birds, '40, 13-21.
 The Chukar partridge in the prairie provinces (rev.), '40, 131.
 An albino lesser snow goose in Manitoba (rev.), '40, 438.
sophiae (*Coloeus*), see *Coloeus*.
Sora, see *Porzana carolina*.
sordahlae (*Poliospiza*), see *Poliospiza*.
sordida (*Aphelocoma*), see *Aphelocoma*.
sordidior (*Picus*), see *Picus*.
sordidus (*Garrulus*), see *Aphelocoma*.
 — (*Macronus*), see *Macronus*.
sorum (*Collocalia*), see *Collocalia*.
soumagnii (*Tyto*), see *Tyto*.
South America.
 Cutright, P. R., '40, 426 (rev.).
 Hellmayr, C. E., and Conover, H. B., '32, 324-336.
 Laubmann, A., '40, 273 (rev.).
 Schneider, A., '38, 580 (rev.).
 Todd, W. E. C., '31, 407-412, '33, 142 (rev.), '38, 309 (rev.).
 Zimmer, J. T., '38, 405-410.
South Carolina.
 Baldwin, W. P., '40, 413.
 Brown, J. W., '32, 343, 351, '34, 369-370.
 Burleigh, T. D., '33, 226, '34, 91-92, '35, 95, 194.
 Burton, E. M., and Chamberlain, E. B., '33, 360.
 Chamberlain, E. B., '33, 104-105, 356, '34, 250-251, 519-520, '35, 98, '36, 438, 441, '37, 383, '38, 146 (rev.), '39, 64-67.
 Cottam, C., '35, 439.
 Dingle, E. von S., '32, 356-357, '33, 223, '34, 515, '37, 200, '38, 547.
 Dingle, E. von S., and Sprunt, A., Jr., '32, 454-455.
 Gross, A. O., '31, 511.
 Harlee, H. L., '33, 217.
 Hudson, G. E., and Sherman, F., '36, 311-315.
 Humphreys, W. W., '32, 466, '35, 459.
 Manigault, E., '31, 275-276.
 Murphey, E. E., '38, 696 (rev.).
 Murphy, R. C., '40, 401-402.
 Murphy, R. C., and Vogt, W., '33, 332.
 Pickens, A. L., '34, 536-537, '35, 149-153.
 Pickens, A. L., and Garrison, L. P., '31, 532-537.
 Sass, H. R., '34, 524-525.
 Scoville, S., Jr., '40, 438 (rev.).
 Smith, C. F., '38, 277.
 Sprunt, A., Jr., '31, 109, 258, 260-261, 261, 266, 414, 415-416, 417-418, 431-432, 594, 597, 621-622, '32, 81-82, 96, 212, 225-226, 237-239, 354, '33, 99, 117, 208, 209, 210, 215, 358-359, '34, 251-252, 374, 508-509, '35, 77, 308-309, 309, 445, 447-448, '36, 75, 76, 79, 102, 204, 209, '37, 384-385, 530-531, '38, 536, '39, 87, 469.
 Sprunt, A., Jr., and Chamberlain, E. B., '31, 628 (rev.).
 Stone, W., '34, 227.
 Tomkins, I. R., '31, 279-282, '33, 102, 103, 215, '35, 315, '36, 80, 329, '40, 594 (rev.).
 Williams, E. A., '39, 76-77.
South Dakota.
 Baumgartner, F. M., '34, 537-538.
 Breckenridge, W. J., and Errington, P. L., '38, 669.
 Brodtkorb, P., and Hinshaw, T. D., '38, 554-555.
 DuMont, P. A., '38, 571 (rev.).
 Gross, A. O., '31, 511.
 Lewis, H. F., '31, 210.
 Miller, A. H., and Compton, L. V., '40, 129 (rev.).
 Walkinshaw, L. H., '37, 309-310.
 Wetmore, A., '38, 583 (rev.).
South Orkney Islands.
 Ardley, R. A. B., '36, 459-460 (rev.).
Southard, Robert Hamilton, 1878-1928.
 Obituary, '31, 86, 325-326.
Southern, H. N.
 The supercilium of the grey-headed wagtail (rev.), '38, 155.
 The spring migration of the swallow over Europe (rev.), '38, 698.
 The spring migration of the willow-warbler over Europe (rev.), '39, 206.
 The spring migration of the redstart over Europe (rev.), '40, 131.
spadioccephalus (*Psittacus*), see *Psittacus*.
spadix (*Pyrrhomyias*), see *Pyrrhomyias*.
Spain.
 Jourdain, F. C. R., '37, 109 (rev.), 413 (rev.), '39, 496 (rev.).
Spare, Gordon, and Akers, J.
 see Akers and Spare.
 Sparrow, Acadian Sharp-tailed, see *Amospiza subvirgata*.
 Alameda Song, see *Melospiza pusillula*.
 Atlantic Song, see *Melospiza atlantica*.
 Bachman's, see *Aimophila bachmani*.

Baird's, see *Ammodramus bairdi*.
 Belding's, see *Passerculus beldingi*.
 Bell's, see *Amphispiza belli*.
 Black-throated Hedge, see *Prunella atrigularis*.
 Botteri's, see *Aimophila botterii*.
 Brewer's, see *Spizella breweri*.
 Bryant's, see *Passerculus bryanti*.
 Cape Sable Seaside, see *Ammospiza mirabilis*.
 Cassin's, see *Aimophila cassini*.
 Chipping, see *Spizella passerina*.
 Clay-colored, see *Spizella pallida*.
 Dakota Song, see *Melospiza juddi*.
 Desert, see *Amphispiza deserticola*.
 Eastern Chipping, see *Spizella passerina*.
 Eastern Field, see *Spizella pusilla*.
 Eastern Fox, see *Passerella iliaca*.
 Eastern Grasshopper, see *Ammodramus australis*.
 Eastern Henslow's, see *Passerherbulus sussurans*.
 Eastern Lark, see *Chondestes grammacus*.
 Eastern Savannah, see *Passerculus savanna*.
 Eastern Song, see *Melospiza melodia*.
 Eastern Tree, see *Spizella arborea*.
 Eastern Vesper, see *Poocetes gramineus*.
 English, see *Passer domesticus*.
 European House, see *Passer domesticus*.
 European Tree, see *Passer montanus*.
 Field, see *Spizella pusilla*.
 Florida Grasshopper, see *Ammodramus floridanus*.
 Forbush's, see *Melospiza gracilis*.
 Fox, see *Passerella iliaca*.
 Gambel's, see *Zonotrichia gambeli*.
 Golden-crowned, see *Zonotrichia coronata*.
 Grasshopper, see *Ammodramus australis*.
 Harris's, see *Zonotrichia querula*.
 Heermann's Song, see *Melospiza heermanni*.
 Henslow's, see *Passerherbulus henslowi* and *P. sussurans*.
 House, see *Passer domesticus*.
 Howell's Seaside, see *Ammospiza howelli*.
 Ipswich, see *Passerculus princeps*.
 Java, see *Munia oryzivora*.
 Kodiak Fox, see *Passerella insularis*.
 Labrador Savannah, see *Passerculus labradorius*.
 Lafresnaye's, see *Arremonops striaticeps*.
 Large-billed, see *Passerculus rostratus*.

Large-billed Marsh, see *Passerculus rostratus*.
 Lark, see *Chondestes grammacus*.
 Leconte's, see *Passerherbulus caudatus*.
 Lincoln's, see *Melospiza lincolni*.
 Louisiana Seaside, see *Ammospiza fisheri*.
 MacGillivray's Seaside, see *Ammospiza macgillivrayi*.
 Malay Tree, see *Passer malaccensis*.
 Mexican Black-chinned, see *Spizella atrogularis*.
 Mississippi Song, see *Melospiza beata*.
 Modoc Song, see *Melospiza fisherella*.
 Nelson's, see *Ammospiza nelsoni*.
 Nevada Savannah, see *Passerculus nevadensis*.
 Northern Sage, see *Amphispiza nevadensis*.
 Northern Seaside, see *Ammospiza maritima*.
 Nuttall's, see *Zonotrichia nuttalli*.
 Oregon Vesper, see *Poocetes affinis*.
 Pine-woods, see *Aimophila aestivalis*.
 Rock, see *Aimophila eremoeca*.
 Rufous-capped, see *Atlapetes pileatus*.
 Rusty Song, see *Melospiza morphna*.
 San Benito, see *Passerculus guttatus*.
 San Lucas, see *Passerculus guttatus*.
 Savannah, see *Passerculus savanna*.
 Scott's Seaside, see *Ammospiza peninsulae*.
 Seaside, see *Ammospiza maritima*.
 Sharp-tailed, see *Ammospiza caudata*.
 Slate-colored Fox, see *Passerella schistacea*.
 Somali, see *Passer castanopterus*.
 Song, see *Melospiza beata* and *M. melodia*.
 Southern Sharp-tailed, see *Ammospiza diversa*.
 Striped, see *Plagiospiza superciliosa*.
 Swamp, see *Melospiza georgiana*.
 Texas, see *Arremonops rufivirgatus*.
 Texas Seaside, see *Ammospiza sennetti*.
 Thick-billed Fox, see *Passerella megarhyncha*.
 Timberline, see *Spizella taverneri*.
 Tree, see *Passer montanus*, *P. saturatus* and *Spizella arborea*.
 Vesper, see *Poocetes gramineus*.
 Wakulla Seaside, see *Ammospiza juncicola*.
 Western Chipping, see *Spizella arizonae*.
 Western Field, see *Spizella arenacea*.
 Western Grasshopper, see *Ammodramus bimaculatus*.

- Western Henslow's, see *Passerherbulus henslowi*.
 Western Lark, see *Chondestes strigatus*.
 Western Savannah, see *Passerculus alaudinus*.
 Western Vesper, see *Poocetes confinis*.
 White-crowned, see *Zonotrichia leucophrys*.
 White-throated, see *Zonotrichia albicollis*.
 Yosemite Fox, see *Passerella mari-posae*.
sparsimstriata (*Locustella*), see *Locustella*.
sparverius (*Falco*), see *Falco*.
Spatula clypeata (*Shoveller, Spoonbill, ^bPalonne), *Ala.* '38, 271-272; *Dom. Rep.* '33, 451; *Ill.* '32, 461^a; *Ia.* '39, 36; *La.* '34, 328-337^a; *Mass.* '32, 441-444; *Mex.* '35, 424^a; *N. H.* '36, 225; *O.* '35, 201; *Pa.* '34, 368^a; *Que.* '40, 277^a; *S. C.* '31, 280; *Tex.* '35, 99; *Va.* '31, 110; *Wisc.* '35, 101^a.—*band.* '34, 328-337^a; *dist.* '38, 271; *egg.* '40, 56^a; *eye.* '38, 231; *flight.* '33, 313^a; *fd.* '34, 416^a; *incub.* '40, 56^a, 58^a; *mig.* '38, 272; *nomen.* '40, 77-78^{ab}; *paras.* '40, 515^a, 517; *voice.* '31, 110; *wt.* '31, 572, '38, 516; *wing area.* '38, 516; *misc.* '34, 560, '36, 75^a, '40, 592^a.
rhynchotis (Australian Shoveller), *N. Z.* '34, 490, '38, 273.—*eclipse.* '38, 273.
spatulatus (*Coracias*), see *Coracias*.
Spaulding, (Miss) Nina Gertrude.
 The yellow-bellied sapsucker (*Sphyrapicus varius varius*) in Porto Rico, '31, 426-427.
 Studies of the nesting activities of Latimer's vireo (*Vireo latimeri* Baird) (rev.), '38, 155.
Spear, James, Jr., —1934.
 Obituary, '36, 69.
speciosa (*Penelope*), see *Penelope*.
 — (*Xanthoura*), see *Xanthoura*.
spectabilis (*Somateria*), see *Somateria*.
speculigera (*Conothraupis*), see *Conothraupis*.
Speirs, John Murray.
 Leconte's, Henslow's, and Nelson's sparrows near Toronto, Ontario, '38, 284.
 Fluctuations in numbers of birds in the Toronto region, '39, 411-419.
 Mortality of barn owls at Champaign, Illinois, '40, 571.
Speirs, J. M., and Snyder, L. L.
 see Snyder and Speirs.
Spelaornis sherriffi, *E. Bhutan*, '34, 423, '37, 415.
Spencer, Thomas, 1878-1930.
 Obituary, '32, 70, '35, 131.
spengeli (*Forpus*), see *Forpus*.
Speotyto, *plm.* '36, 51, 56.
amaura (*Antigua Burrowing Owl*), *Antigua*, '34, 362.
boliviana, *Bol.* '40, 128.
cunicularia subsp. (*Burrowing Owl), *Fla.* '36, 532-533.—*aviary.* '34, 123^a; *egg.* '40, 57^a; *hbt.* '37, 218^a, 556^a; *incub.*, '40, 57^a, 59^a; *plm.* '36, 56; *misc.* '40, 262^a.
floridana (*Florida Burrowing Owl), *Fla.* '32, 478, '36, 319^a, 386, '38, 532, '39, 336.—*hbt.* '32, 478.
hypugaea (*Western Burrowing Owl), *Aris.* '39, 322; *Calif.* '35, 428; *Colo.* '39, 203, 496^a; *Ill.* '31, 119; *Ia.* '35, 482^a, '39, 36; *Kans.* '34, 538^a; *La.* '34, 99; *Mo.* '40, 573; *Ore.* '40, 119^a.—*dist.* '35, 428; *fd.* '39, 496^a; *misc.* '35, 360, '38, 532-533.
obscura, *misc.* '38, 171.
Spermestes cucullatus, *Afr.* '40, 321.—*fledg., incub.*, '40, 321.
nigriceps, *misc.* '31, 639.
Spermestinae, *incub.* '40, 322.
spermologus (*Coloeus*), see *Coloeus*.
Spermophila schistacea, *misc.* '37, 234.
Spheniscidae, *anat.* '37, 228.
Sphenisciformes, *hbt.* '40, 175; *misc.* '37, 506.
Spheniscus demersus (Jackass Penguin, Black-footed Penguin), *misc.* '32, 120.
mendiculus (*Galapagos Penguin), *Galap. Is.* '36, 234-235^a.—*misc.* '37, 148.
sphenurus (*Haliastur*), see *Haliastur*.
Sphyrapicus daggetti (*Southern Red-breasted Sapsucker), *Aris.* '37, 64; *fd.* '39, 101^a; *plm.* '37, 64.
nataliae (Natalie's Sapsucker), *Aris.* '36, 298.
thyroideus (*Williamson's Sapsucker), *B. C.* '38, 690^a; *Nebr.* '40, 128^a.
varius (*Yellow-bellied Sapsucker, ^batrothorax), *Ark.* '31, 237; *Ill.* '33, 372; *La.* '39, 92^b; *N. H.* '34, 523, '36, 94; *P. R.* '31, 426; *Va.* '33, 437, '35, 187; *W. Va.* '34, 395.—*feather count.* '36, 166^a; *hbt.* '35, 187, 310^a; *wt.* '31, 574; *misc.* '35, 452^a, '39, 489^a, '40, 80^a.
Spiker, Charles Jolley.
 A biological reconnaissance of the Peterboro swamp and the Labrador pond areas (rev.), '31, 453-454.
 Little blue heron (*Florida caerulea caerulea*) in central New York, '34, 78.

- Bird life of the Finger Lakes of New York (rev.), '35, 475.
 Turkey vultures possible victims of an automobile, '36, 76-77.
 The snow bunting in Virginia, '36, 93.
 Tufted titmouse in Yates County, N. Y., '36, 449.
spillmanni (Scytalopus), see Scytalopus.
spilocephalus (Otus), see Otus.
spilodera (Sericornis), see Sericornis.
spilonotus (Ploceus), see Ploceus.
Spilornis bassus, Java, '38, 303.—*fd.* '38, 303.
Spindalis, *tax.* '37, 212.
 pretrei (*Cuban Spindalis), Cuba, '36, 437*.
 Spine-tail, Rufous-breasted, see Synallaxis erythrothorax.
 Spix's, see Synallaxis spixi.
 Yellow-throated, see Certhiaxis cinnamomea.
 Spingarn, Edward David Woodbury.
 Some observations on the semipalmated plover (Charadrius semipalmatus) at St. Mary's Islands, Province of Quebec, Canada, '34, 27-36.
spinicauda (Chaetura), see Chaetura.
 — (Dafila), see Dafila.
spinoides (Hypacanthus), see Hypacanthus.
spinosa (Jacana), see Jacana.
spinus (Hoplopterus), see Hoplopterus.
Spinus, *hbt.* '40, 177.
 fasciatus, Peru, '31, 149.
 hesperophilus (*Green-backed Goldfinch, *Astragalinus*), Calif. '31, 61^b, '35, 429.—*dist.* '35, 429; *hbt.* '31, 59^b, 60^b, 61^b; *paras.* '39, 190*.
 lawrencei (Lawrence's Goldfinch), *behav.* '40, 172.
 macropterus (Mexican Pine Siskin, *pinus*), Mex. '40, 235^b, 242.
 pallidus (Pale Goldfinch), Okla. '38, 507.—*meas.* '38, 507.
 pinus (*Northern Pine Siskin, Pine Siskin), Ariz. '36, 298, '39, 325; Ark. '36, 456; Calif. '38, 307*; Ia. '31, 61; Mass. '32, 102; Nebr. '31, 61; N. F. '36, 345; N. H. '37, 544; N. Y. '36, 429*; N. C. '32, 363, '40, 421; Ont. '39, 15*, 17, 24*; Tenn. '38, 309*; Va. '34, 87.—*eye.* '38, 242*; *fd.* '36, 345; *hbt.* '31, 59, 61; *mig.* '39, 15*, 17, 24*; *misc.* '36, 133, '37, 359*.
 psaltria (Arkansas Goldfinch), Mex. '40, 237, 242.—*myol.* '38, 642.
 salicamans (*Willow Goldfinch, *Astragalinus*), Calif. '31, 61^b, '35, 429.—*dist.* '35, 429; *hbt.* '31, 61^b; *paras.* '39, 190*; *misc.* '36, 23.
 spinus (*Siskin, *Carduelis*), *behav.* '40, 173^b, 177^b; *fd.* '40, 130*; *hbt.* '33, 259^b; *wt.* '38, 310^b; *misc.* '31, 157, '39, 256*.
 tristis (*Eastern Goldfinch, Goldfinch, *Astragalinus*, *Chrysomitris*), Ark. '31, 238^b, '36, 456*; Atlantic, '32, 99*; G. Br. '38, 560*; Ill. '34, 538*; Md. '36, 90; N. H. '37, 544; N. Y. '36, 429, '37, 545*, '40, 575*; N. C. '31, 273^b; O. '31, 372^b, '37, 326; Okla. '38, 435; Ont. '33, 126, '39, 15-18; S. C. '36, 315.—*disease.* '40, 332*; *feather count.* '36, 163*, 168*; *flight.* '33, 236*, '38, 216*; *fd.* '39, 499*; *hbt.* '39, 494*, 499*; *life hist.* '39, 208*; *meas.* '36, 25, 26; *mig.* '39, 15-17; *nest.* '31, 273*, '36, 90, 222; *song.* '35, 40-52*, '38, 267*; *wt.* '37, 326, 328, 329*, '38, 422*, 440, 441, 514; *wing area.* '38, 514; *misc.* '36, 23, 244*, '37, 96*, '39, 361*.
spinus (Carduelis), see Spinus.
 — (Spinus), see Spinus.
 Spitsbergen.
 Jourdain, F. C. R., '39, 103 (rev.).
 Marshall, A. J., '38, 694 (rev.).
 McNeile, J. H., '39, 497 (rev.).
spixi (Nothura), see Nothura.
 — (Synallaxis), see Synallaxis.
Spiza americana (*Dickcissel), D. C. '35, 461, '36, 346; Ill. '36, 348; Ia. '39, 36; Kans. '34, 538*; Me. '40, 575; Mass. '37, 211, '39, 341; Mich. '31, 606, '35, 100; Minn. '37, 220*, '40, 276*; N. D. '34, 102; N. S. '38, 549-550; O. '31, 372, 377*, '34, 386*; Pan. '31, 120*; Pa. '34, 92, 531; S. C. '35, 459; Tenn. '37, 423*; Va. '31, 127, '35, 459; Wisc. '36, 229-230.—*cowbird host.* '34, 386; *song.* '36, 346; *misc.* '39, 151.
 townsendi (*Townsend's Bunting), Pa. '38, 289*.
Spizaetus alboniger, Malaysia, '39, 108.
 —*tax.* '39, 108.
 nanus, Malaysia, '39, 108.—*tax.* '39, 108.
 vanheurni, Sumatra, '36, 470.
 vicarius, Br. Hond. '36, 470.
 willetti, fos. '35, 481.
Spizella, *misc.* '33, 86.
 arbores (*Eastern Tree Sparrow, Tree Sparrow, *monticola*), Me. '40, 575*; Man. '32, 168*, 367*, '35, 204, '38, 603-612; N. Y. '38, 603-605; O. '37, 326; Pa. '36, 223*; Que. '31, 243*; S. C. '32, 238.—*anat.* '38, 610-612; *band.* '35, 217; *behav.* '38, 674; *blood.* '37, 518; *dist.* '40, 125*; *feather count.* '36, 169*; *fd.* '32, 93, '33, 374*; *mlt.* '38, 603-608; *nest.* '32, 367*; *pl.* '38, 604; *plm.* '36, 360-361*, '38, 603-608; *song.*

'34, 505^a; wt. '31, 574^b, '35, 204, '37, 326, 330, '38, 429^a, 432^a, 436, 437, 452^a, 454-458^a, 514, 608-610; wt. of egg, '35, 204; wing area, '38, 514; misc. '36, 58^a, 64^a, 359^a, '38, 465.

arenacea (Western Field Sparrow), *Mont.* '32, 231, '34, 531; *Okla.* '38, 508.—*meas.* '38, 508.

arizonae (*Western Chipping Sparrow), *Ariz.* '36, 298, '39, 325; *Man.* '36, 224; *Mex.* '35, 256, '40, 243; *N. M.* '31, 62; *Utah.* '38, 300^a, 303^a.—*fd.* '38, 303^a; *hbt.* '31, 59, 62; *meas.* '36, 24, 25, 26; *song.* '38, 267^a; *misc.* '36, 23, 27, '40, 277^a.

atremaeus, *Mex.* '38, 306.

atroglaris (Mexican Black-chinned Sparrow), *tax.* '36, 119.

breweri (*Brewer's Sparrow), *Mex.* '35, 256; *N. M.* '31, 62; *Tex.* '36, 92^a; *Utah.* '38, 303^a.—*fd.* '38, 303^a; *hbt.* '31, 59, 62.

caurina, *tax.* '36, 119.

evura, *tax.* '36, 119.

pallida (*Clay-colored Sparrow), *Fla.* '33, 225; *Ill.* '34, 101; *Mass.* '31, 126; *Mich.* '35, 458, '39, 361^a; *N. J.* '32, 491; *N. Y.* '35, 315.—*song.* '34, 504^a.

passerina (*Eastern Chipping Sparrow, Chipping Sparrow), *Atlantic.* '32, 99^a; *Man.* '40, 432^a; *Mich.* '36, 111^a; *Minn.* '39, 98^a; *N. H.* '38, 548; *N. Y.* '37, 103-104; *N. C.* '32, 363, '37, 460; *N. S.* '38, 549^a; *O.* '31, 373, 377^a, '34, 386^a, '37, 326, '38, 418^a; *Okla.* '38, 506^a; *S. C.* '36, 119^a; *Tenn.* '35, 372^a.—*band.* '39, 98^a; *blood.* '37, 518; *cowbird host.* '34, 386^a; *feather count.* '36, 163^a, 164^a, 169^a; *flight.* '33, 236^a; *hbt.* '36, 482; *meas.* '37, 103-104; *mlt.* '38, 156^a; *nid.* '40, 587^a; *paras.* '37, 501; *song.* '38, 125-126, 267^a, '39, 89; *wt.* '37, 103-104, 326, 328^a, '38, 419-420^a, 422-424^a, 427^a, 435^a, 436, 437, 449-458^a, 514; *wing area.* '38, 514; *misc.* '31, 543^a, '33, 236^a, '36, 23, 222^a.

pusilla (*Eastern Field Sparrow, Field Sparrow), *Ark.* '31, 238; *Fla.* '31, 253; *Mass.* '32, 233, 360^a; *Mich.* '36, 111^a, 472^a; *Minn.* '38, 563^a; *O.* '31, 375, '34, 386^a, '37, 326; *Okla.* '36, 435; *Tenn.* '35, 372^a, '38, 575^a; *Va.* '32, 103.—*band.* '38, 575^a; *blood.* '37, 518; *cowbird host.* '34, 386^a; *feather count.* '36, 163^a, 169^a; *paras.* '37, 501; *song.* '35, 40-52^a, '38, 267^a, 687^a; *wt.* '31, 574, '37, 326, 328^a, '38, 422^a, 423^a, 424^a, 427^a, 436, 437, 514; *wing area.* '38, 514; *misc.* '38, 508.

taverneri (Timberline Sparrow), *N. M., Tex.*, '36, 92.

splendens (Corvus), see Corvus.

spodiogaster (Myrmoderus), see Myrmoderus.

Spodiornis barrilesensis, *Pan.* '33, 139.

spodocephala (Emberiza), see Emberiza.

Spofford, Walter R.

A white gyrfalcon seen in western Canada (rev.), '39, 360.

sponsa (Aix), see Aix.

— (Lampronessa), see Aix.

Spoonbill, see *Ajaia ajaja*, *Platalea leucorodia*, and *Spatula clypeata*.

Roseate, see *Ajaia ajaja*.

White, see *Platalea leucorodia*.

Sporophila albilateralis, *Peru.* '31, 149.

aurita (Hick's Seed-eater), *Pan.* '35, 327.

caerulescens (Screaming Finch), *Argent.* *Urug.*, '31, 57.—*hbt.* '31, 57.

cinnamomea, *Braz.* '39, 481.

gutturialis (Yellow-bellied Seed-eater), *Pan.* '35, 327.

lineola, *N. H.* '36, 221.

minuta (Pygmy Seed-eater), *hbt.* '31, 53, 54, 57.

sharpei (Sharpe's Seed-eater), *Tex.* '33, 63, '38, 134.—*nest.* '38, 134.

Sprague, Isaac, 1859-1934.

Obituary, '35, 67.

spraguei (Anthus), see Anthus.

Sprot, George Doveton.

Migratory behavior of some glaucous-winged gulls in the Strait of Georgia, British Columbia (rev.), '38, 581.

Sprunt, Alexander, Jr.

In memoriam: Arthur Trezevant Wayne, 1863-1930, '31, 1-16.

Early occurrence of the gannet on the South Carolina coast, '31, 109.

Certain land birds observed at sea, '31, 133-134.

The American scoter (*Oidemia americana*) again in winter on the South Carolina coast, '31, 258.

A specimen of Baird's sandpiper (*Pisobia bairdi*) from South Carolina, '31, 260-261.

Additional notes on winter shore birds on the South Carolina coast, '31, 261.

The pigeon hawk (*Falco columbarius*) in winter on the South Carolina coast, '31, 266.

Total albinism in the mallard (*Anas platyrhynchos*), '31, 414.

The golden plover (*Pluvialis d. dominica*) on the coast of South Carolina, '31, 415-416.

The stilt sandpiper (*Micropalama himantopus*) near Charleston, South Carolina, '31, 417-418.

Observations on the color of the iris in

- the boat-tailed grackle (*Megaquiscalus major*), '31, 431-432.
- Abnormal sets of heron eggs in coastal South Carolina, '31, 594.
- Wilson's phalarope (*Steganopus tricolor*) in South Carolina, '31, 597.
- Unusual nesting concentration in a single tree, '31, 621-622.
- The marsh hawk in the North Carolina mountains, '32, 80.
- Occurrence of the golden plover on the South Carolina coast, '32, 81-82.
- The barn owl (*Aluco alba pratincola*) at sea, '32, 86.
- Color of the iris in the boat-tailed grackle, '32, 96.
- Lincoln's sparrow again in North Carolina, '32, 100.
- Further notes from the North Carolina mountains, '32, 104-105.
- Eastern brown pelican on the South Carolina coast in winter, '32, 212.
- The black and white warbler (*Mniotilta varia*) on the South Carolina coast in winter, '32, 225-226.
- Further notes on the iris of the boat-tailed grackle, '32, 227-228.
- Some emendations to the ranges of the new check-list, '32, 237-239.
- Nesting of the starling (*Sturnus vulgaris*) in Charleston, South Carolina, '32, 354.
- Distribution of yellow and brown-eyed males of boat-tailed grackle in Florida, '32, 357.
- Some notes from Cumberland Island, Georgia, '32, 364.
- Visitors from afar (rev.), '32, 383.
- The golden plover again in South Carolina, '33, 99.
- The magnolia warbler (*Dendroica magnolia*) on the South Carolina coast, '33, 117.
- Late nesting of the Carolina junco (*Junco hyemalis carolinensis*) '33, 122.
- The whistling swan (*Olor columbianus*) in South Carolina, '33, 208.
- Third occurrence of the brant (*Branta bernicla hrota*) in South Carolina, '33, 209-210.
- The cinnamon teal: a new bird for South Carolina, '33, 210.
- Winter range of long-billed curlew and piping plover, '33, 215.
- Additional notes from the North Carolina mountains, '33, 232-233.
- The glossy ibis in Georgia, '33, 352.
- Second occurrence of northern phalarope in South Carolina, '33, 358-359.
- Notes from South Carolina, '34, 251-252.
- A new grackle from Florida (rev.), '34, 265.
- Black-necked stilt (*Himantopus mexicanus*) in S. Carolina, '34, 374.
- The red phalarope off South Carolina, '34, 374.
- The white pelican (*Pelecanus erythrorhynchos*) on the South Carolina coast, '34, 508-509.
- Another abnormality in the nesting habits of the Carolina junco, '34, 531.
- First occurrence of the reddish egret (*Dichromanassa r. rufescens*) in South Carolina, '35, 77.
- Late nesting of the bob-white in North Carolina, '35, 80.
- The migrant shrike in the North Carolina mountains, '35, 91.
- The effect of emotion on the iris of the boat-tailed grackle, '35, 94.
- Second recorded nesting of the laughing gull on the South Carolina coast, '35, 308-309.
- The noddy at Charleston, South Carolina, '35, 309.
- Do eagles steal children? (rev.), '35, 343.
- Increase of the roseate spoonbill on the coast of Texas, '35, 443.
- The white-tailed kite in South Carolina '35, 445.
- The black-backed gull on the South Carolina coast, '35, 447-448.
- Cavity nesting species descending chimneys, '35, 470-471.
- The roseate spoonbill in South Carolina, '36, 75.
- The blue goose again in coastal South Carolina, '36, 75-76.
- Continued wintering of the long-billed curlew on the South Carolina coast, '36, 79-80.
- Correction, '36, 102.
- An unusual feeding habit of the snowy heron, '36, 203.
- The roseate spoonbill in Georgia, '36, 203-204.
- The whistling swan in South Carolina, '36, 204.
- Swainson's hawk in South Carolina, '36, 209.
- The prevalence of the adult marsh hawk in south Florida, '36, 209-210.
- Additional notes on the prevalence of the adult marsh hawk in south Florida, '36, 325-326.
- The flamingo in the Florida Keys, '37, 99.

- Duck hawk and sparrow hawk on the Tortugas, '37, 100.
- Dovekie in south Florida, '37, 207-208.
- Turkey vultures killed by automobiles, '37, 383-384.
- Mississippi kite in South Carolina in winter, '37, 384-385.
- Little blue heron on salt water, '37, 530-531.
- Nesting of the flamingo in the United States, '37, 531-532.
- The southern dovekie flight of 1936, '38, 85-88.
- [Obituary of] James J. Carroll, '38, 314-315.
- Early nesting of the short-tailed hawk, '38, 523-524.
- Unusual perching habit of the black tern, '38, 529.
- Burrowing owl in the Florida Keys, '38, 532-533.
- Arkansas kingbird in South Carolina, '38, 536.
- Beautiful birds of the southern Audubon Sanctuaries (rev.), '38, 567-568.
- Scandinavian lesser black-backed gull at Key West, Florida, '38, 671-672.
- Southern robin breeding in coastal South Carolina, '39, 87.
- Flamingos again in Florida Keys, '39, 181.
- Short-tailed hawk in Florida, '39, 330-331.
- Smooth-billed ani nesting in Florida, '39, 335-336.
- Burrowing owl in the lower Florida Keys, '39, 336.
- Predatory instincts in the American egret, '39, 469.
- Great white heron count (rev.), '40, 131.
- Gull-billed tern breeding in Florida, '40, 251-252.
- Fulvous tree-duck an addition to the avifauna of Florida, '40, 563.
- American rough-legged hawk in Florida, '40, 564-565.
- Sprunt, A., Jr., and Chamberlain, E. B.**
Second supplement to Arthur T. Wayne's Birds of South Carolina (rev.), '31, 628.
- Eastern brown pelican on the South Carolina coast in winter, '32, 212.
- Some emendations to the ranges of the new Check-List, '32, 237-239.
- Sprunt, A., Jr., and Dingle, E. S.**
see Dingle and Sprunt.
- Sprunt, A., Jr., and Murray, J. J.**
The rough-legged hawk in the North Carolina mountains, '36, 77.
- Early date for the white-crowned pigeon on the Florida Keys, '38, 531.
- spurius* (Icterus), see Icterus.
- (Purpureicephalus), see Purpureicephalus.
- squamata* (Callipepla), see *C. pallida*.
- squamosa* (Columba), see Columba.
- squamulata* (Ciccaba), see Ciccaba.
- Squatarola squatarola** (*Black-bellied Plover, Grey Plover, *cynosurae*), *Antigua*, '34, 358^b; *Argent.* '39, 499; *Ark.* '38, 285; *Baf. I.* '40, 14^a, 20^a; *Conn.* '33, 444; *Del.* '37, 382; *Ecuad.* '36, 172^a; *Fla.* '32, 237^a, '34, 98^a, '36, 100^a, '37, 536^a; *Ga.* '31, 281^a; *Hond.* '36, 186; *Ind.* '33, 371; *Ia.* '35, 84; *Me.* '35, 82; *Mass.* '34, 246, '37, 388-389; *Mex.* '35, 252; *Mich.* '31, 131, '34, 23, 519; *N. J.* '31, 419^a, 420^a, 421, 422^a, '32, 470-474; *N. C.* '33, 231, '35, 318, '37, 453, 462, 549; *Okla.* '38, 274-275; *Pan.* '35, 326; *S. Am.* '36, 171^a; *S. C.* '31, 281^a, '32, 82; *Tex.* '38, 65; *W. Va.* '36, 97; *Wisc.* '31, 416^a.—*colors*, '36, 189; *flight*, '33, 314^a; *fd.* '36, 189; *hbt.* '31, 181-183^a, '35, 83; *meas.* '39, 494; *tax.* '34, 272, '38, 576; *misc.* '40, 78^a.
- Sserebrowsky, Pawel Vladimirovich.**
Contributions to a knowledge of the ornitho-geography of southwestern Asia (rev.), '31, 298.
- Stabler, Robert Miller.**
A robin with two sets of tail feathers, '37, 510-513.
- A facial anomaly in a pheasant, '38, 658-660.
- Stachyris, tax.** '40, 126, 552.
- dilutus*, *nomen.* '36, 363.
- helennae*, *Indo-China*, '39, 494.
- rileyi*, *nomen.* '36, 363.
- tonkinensis*, *nomen.* '38, 693.
- Staebler, Arthur Eugene.**
Unusual nesting site of the chimney swift, '39, 336.
- staebleri* (Sterna), see Sterna.
- Stancirinsky, Vladimir Vladimirovich.**
The races of *Emberiza aureola* (rev.), '31, 298.
- Stanford, John Keith, and Ticehurst, C. B.**
On the birds of northern Burma (rev.), part 1, '38, 581; part 2, '38, 698; part 3, '39, 108; parts 4, 5, '39, 206; part 6, '39, 499.
- Stanford, Joseph Sedley.**
Junco annectens Baird in Utah, '31, 611.
- Notes on hawks and owls in Sevier Co., Utah, '31, 618-620.
- Notes from Logan, Utah, '32, 237.
- Stanley, Arthur Camp, 1883-1940.**
Obituary, '40, 599.

- stanleyi (Chalcostigma), see Chalcostigma.
- stantoni (Francolinus), see Francolinus.
- Starling, see Sturnus vulgaris.
- Chinese, see Aethiopsar cristatellus.
- Crested, see Galeopsar salvadorii.
- European, see Sturnus vulgaris.
- Marsh, see Trupialis militaris.
- Rosy, see Pastor roseus.
- Wattled, see Creatophora carunculata.
- White-winged, see Sturnia nemoricola.
- Starrett, William Charles.**
Highway casualties in central Illinois during 1937 (rev.), '39, 360.
- Stead, Edgar F.**
The life histories of New Zealand birds (rev.), '33, 243-244.
The supposed flightless duck from Campbell Island (rev.), '39, 206.
- Steatornis caripensis** (*Guacharo, Cave Bird, Oil Bird), *Trin.* '31, 186-194.—*hbt., fd., nid.,* '31, 186-194, 427*; *meas.* '31, 427*.
- Steele, Joseph Beal.**
[Celebrates his ninetieth birthday], '32, 277.
- Steganopleura bichenovii** (*Banded Finch), *Australia*, '37, 565*.
- Steganopodes, Argenti.** '36, 355; *Germ.* '39, 345.—*anat.* '37, 228; *nomen.* '40, 586; *ost.* '35, 360.
- Steganopus tricolor** (*Wilson's Phalarope), *Ark.* '38, 285; *Colo.* '38, 555*; *Ill.* '34, 100, 101; *Ind.* '37, 390, '38, 278*; *Ia.* '35, 84, '39, 36; *Man.* '35, 204; *Mass.* '33, 359, '35, 82; *Mich.* '31, 417, '38, 90-93, '40, 157, 591*; *Mont.* '36, 230*; *N. J.* '31, 419*, 420, '32, 470-474, 475, 476, '33, 100*; *N. Y.* '33, 446; *N. S.* '37, 27; *O.* '38, 90-93; *Okla.* '38, 504; *Ont.* '38, 90-93; *Pan.* '35, 326; *Pa.* '31, 593; *S. C.* '31, 415, 597; *Tex.* '35, 99, '38, 68, 133; *Utah*, '39, 77; *W. Va.* '34, 249; *Wisc.* '40, 424-425.—*behav.* '40, 424-425; *cowbird host*, '39, 77; *dist.* '39, 495*; *hbt.* '31, 183*; *mig.* '38, 68, 90-93; *wt. of egg*, '35, 204.
- Steganura**, '38, 135.
kadugliensis, Sudan, '31, 459.
paradisea (Paradise Whydah), *Afr.* '40, 487.—*fd.* '40, 487; *hbt.* '38, 138; *mt., plm., wt.,* '40, 487-496.
- Stegmann, Boris Charles.**
The birds of southeastern Transbaikalia (rev.), '31, 298.
An examination of the palaearctic snow finches (rev.), '32, 265.
The eastern palaearctic forms of the peregrine (rev.), '34, 426.
[On the larger gulls] (rev.), '34, 559.
Die Nasendrösen von Charadrius asi-
- aticus und Charadrius veredus (rev.), '37, 568.
- Faune de l'USSR. Oiseaux, vol. 1, no. 5. Falconiformes (rev.), '38, 290-291.
- Ueber die Flügelhaltung von Archaeornis in der Ruhestellung (rev.), '38, 581.
- stegmanni (Calandrella), see Calandrella.
- (Cyanopica), see Cyanopica.
- (Larus), see Larus.
- Steinbacher, Friedrich, 1877-1938.**
Obituary, '39, 122, '40, 148.
- Steinbacher, Georg.**
Schlangen als Raubvogelbeute (rev.), '38, 581.
The successful breeding of the hammerhead and the boat-billed night heron in the Berlin Zoo (rev.), '38, 698.
- Steinbacher, Joachim.**
Anatomische Untersuchungen über die systematische Stellung der Galbulidae und Bucconidae (rev.), '38, 308.
- Steinfatt, Otto.**
Aus dem Leben des Grossbuntspechtes (rev.), '37, 568, '38, 156.
Beobachtungen über das Brutleben des Waldlaubsängers in der Rominter Heide (rev.), '38, 308.
Das Brutleben des Karmingimpels (rev.), '38, 308.
Das Brutleben der Waldschnepfe (rev.), '39, 108.
Das Brutleben der Sumpfmöwe und einige Vergleiche mit dem Brutleben der anderen einheimischen Meisen (rev.), '39, 108.
Brutbeobachtungen beim Kleinspecht (rev.), '39, 360.
- Steiniger, Fritz.**
"Ekelgeschmack" und visuelle Anpassung einiger Insekten (Fütterungsversuche an Vögeln) (rev.), '37, 568-569.
- Stelgidopteryx**, '31, 639.
serripennis (*Rough-winged Swallow), *Ky.* '35, 465; *Mass.* '32, 102, 492, '34, 85-86, 391; *Mont.* '33, 362; *N. Y.* '31, 279*, '35, 197; *O.* '31, 376; *Ont.* '39, 16, 204*; *R. I.* '36, 83-84; *Vt.* '36, 218.—*feather count*, '36, 166*; *incub.* '37, 143; *nest*, '33, 362, '35, 465, '36, 83-84; *wt.* '38, 514; *wing area*, '38, 514.
- stellaris* (Botaurus), see Botaurus.
- (Cistothorus), see Cistothorus.
- stellata* (Gavia), see Gavia.
- stellatus* (Colymbus) see Gavia.
- stelleri* (Cyanocitta), see Cyanocitta.
- (Polysticta), see Polysticta.
- Stellula calliope** (*Calliope Hummingbird), *Mex.* '39, 444-446*.

stenorhabdus (Aulacorhynchus), see Aulacorhynchus.

stensioides (Parascaniornis), see Parascaniornis.

Stephanibyx lugubris, *Rhodesia*, '37, 112.

Stephanoaetus coronatus (Martial Eagle), *Afr.* '37, 417.—*fd.* '37, 417.

Stephanophorus diadematus (White-capped Tanager), *avic.* '39, 497.

Stephens, Frank, 1849-1937.

Obituary, '38, 313-314, '39, 122.

Stephens, Laura A.

European goldfinches (rev.), '37, 569.

stephensi (Vireo), see Vireo.

Stephenson, Louise McGowan (Mrs. Marshall Lovejoy Stephenson), 1848-1916.

Obituary, '40, 446-448.

Stephenson, Orlando K., Jr., Carleton, G., et al.

see Carleton, Stephenson, et al.

Stercorariidae, *eye*, '38, 238; *hbt.* '40, 176.

Stercorarius longicaudus (*Long-tailed Jaeger, Buffon's Skua), *Atlantic*, '32, 189; *Baf. I.* '40, 20*; *Colo.* '39, 79; *Labr.* '37, 27; *Utah*, '37, 389-390.—*dist.* '33, 204; *egg*, '40, 56*; *incub.* '40, 56*, 58*; *ost.* '34, 552; *plm.* '33, 384.

pallascens, *Greenl.* '33, 135.

parasiticus (*Parasitic Jaeger, Arctic Jaeger), *Atlantic*, '32, 188; *Baf. I.* '40, 14*, 20*; *Conn.* '36, 445; *D. C.* '32, 362; *Labr.* '37, 27; *Man.* '35, 204; *Mass.* '33, 91*; *Mich.* '38, 579*; *N. Y.* '39, 185-186; *N. S.* '37, 27; *Va.* '33, 196; *Wisc.* '34, 233.—*egg.* '35, 204, '40, 56*; *incub.* '40, 56*, 58*; *ost.* '34, 552; *plm.* '33, 384; *misc.* '39, 79.

pomarinus (*Pomarine Jaeger), *Atlantic*, '32, 188; *Baf. I.* '40, 14*, 20*; *Fla.* '32, 220; *Labr.* '37, 27; *Me.* '38, 551; *Mass.* '33, 91*; *N. C.* '34, 233-234; *Que.* '37, 27; *Tex.* '38, 62*, 68; *Va.* '33, 196.—*behav.* '40, 440; *dist.* '33, 203.

Stereornithes, *tax.* '38, 695.

Sterna, *behav.* '40, 174, 176.

albifrons (*Little Tern), *Australia*, '39, 108; *Engl.* '31, 155*; *India*, '40, 429.—*destr.* '40, 429.

anaethetus (*Bridled Tern), *Australia*, '39, 423*.

antillarum (*Least Tern), *Ala.* '40, 542; *Antigua*, '34, 361; *Colo.* '37, 390; *Fla.* '36, 99*; '40, 542; *Ga.* '31, 279*; '34, 252, '40, 542; *Ia.* '32, 494, '39, 499*; *Mass.* '39, 427*; *N. H.* '32, 477; *N. J.* '31, 646*; *N. C.* '34, 96*, '37, 455, '40, 423; *O.* '35, 87; *Pa.* '34, 94; *S. C.* '35, 98, '40, 542; *Tex.* '38, 69, '40, 542; *Va.* '37, 237; *Wisc.* '35, 87.—*behav.* '39,

422*; *egg.* '40, 57*; *increase*, '40, 423; *incub.* '40, 57*, 58*; *plm.* '37, 390, '40, 542; *tax.* '34, 540; *misc.* '39, 66*, 428*.

browni (Brown's Tern), *Calif.* '40, 542; *L. C.* '40, 542.—*plm.* '37, 390, '40, 542.

dougalli (*Roseate Tern), *Antigua*,

'34, 360; *Conn.* '32, 84; *Fla.* '31, 248,

'35, 462, '36, 99*; *Grenada*, '36, 82;

Me. '31, 592; *Md.* '36, 96; *Mass.* '37,

342*, '39, 427*; *N. H.* '31, 18; *N. J.*

'31, 646*; *N. Y.* '33, 434; *W. I.* '34, 103.

—*dist.* '33, 204; *hbt.* '31, 18; *nest*, '36,

96.

forsteri (*Forster's Tern), *Fla.* '31,

248; *Ga.* '31, 281*; *Ia.* '39, 36; *Me.* '38,

551; *Mass.* '33, 104, '39, 178*; *Mich.*

'36, 213-214; *N. C.* '35, 319, '37, 455;

O. '33, 235, '36, 213-214; *Ont.* '37, 205-

206; *S. C.* '31, 281*; *Tex.* '38, 69; *Va.*

'33, 368; *Wisc.* '35, 86.—*hbt.* '31, 31;

nest, '35, 86; *plm.* '37, 205; *voice*, '35,

87.

fuscata (*Eastern Sooty Tern, Sooty

Tern), *Antigua*, '34, 360; *Bah. I.* '38, 52;

Fla. '36, 99, '39, 99*, 327-329, 424*, '40,

290*; *Ga.* '32, 219, '35, 98; *Mass.* '39,

178*; *N. Y.* '39, 178*; *N. C.* '31, 116*; *S.*

C. '37, 200.—*band.* '37, 200; *behav.* '39,

328-329, 424*, '40, 38, 41, 43*; *destr.* '39,

327-329; *egg.* '40, 49*, 56*; *fd.* '34, 360;

incub. '40, 56*, 58*; *nest*, '36, 99; *protec.*

'40, 290*.

gelochehidon, *Holl.* '31, 641.

georgiae, *S. Georgia I.* '36, 461.

gracilis (*Roseate Tern), *Australia*,

'39, 423*.

guineae, *W. Afr.* '31, 466.

hirundinacea, *S. Am.* '36, 235, 461.

—*misc.* '36, 460.

hirundo (*Common Tern), *Antigua*,

'34, 360; *Ark.* '35, 324, '36, 350; *Conn.*

'32, 84*, '33, 444; *Fla.* '31, 247*, 248,

'36, 99*; *Great Lakes*, '32, 235*; *Ill.*

'34, 102, '35, 464, '39, 211*; *Ind.* '37,

390, '38, 278*; *Labr.* '37, 31; *Me.* '31,

591, '35, 337*, '37, 31; *Mass.* '37, 342*,

'39, 178*, 427*; *Mich.* '31, 592, '36,

214; *N. H.* '31, 17; *N. J.* '31, 646*;

N. Y. '33, 434, '36, 446, '39, 187; *N. C.*

'32, 219, '34, 96*, 396, '35, 319, '37, 455,

'40, 423; *O.* '31, 368, '36, 214; *Ont.* '35,

196, '37, 205*; *Pa.* '33, 359, '34, 533,

'35, 301*, 309; *Que.* '31, 244*, '35, 86,

'37, 31; *Tex.* '38, 69; *Va.* '37, 237;

Wisc. '39, 355*.—*band.* '36, 446; *behav.*

'35, 285, '40, 38, 170, 178; *courtship*,

'39, 205; *egg.* '40, 45*, 56*; *enemies*, '31,

592; *eye*, '36, 230*, 242*; *flight*, '33, 313*,

452*; *fd.* '35, 337*; *hbt.* '31, 17, '32, 236*,

'39, 187; *incub.* '40, 56*, 58*; *nest*, '31,

- 244^a, '35, 86, 196, '36, 446; *misc.* '36, 96, 476^a, '37, 206^a, '40, 128, 438^a.
litoricola, La., Tex., Va. '39, 92.—*dist.* '39, 92.
melanoptera (Bridled Tern), Ala. '33, 105; *Antigua*, '34, 360; S. C. '33, 104, '37, 200.
mexicana, Mex. '40, 542.—*plm.* '40, 542.
nereis, Australia, '39, 108.
paradisaea (*Arctic Tern), *Antarctic*, '36, 235^a, '38, 696^a; *Baf. I.* '40, 14^a, 20^a; *Labr.* '37, 13^a, 31–32; *Me.* '31, 592, '38, 551, '39, 420–428; *Man.* '35, 204; *Mass.* '32, 101, '39, 427^a; *N. Z.* '36, 459^a; *Que.* '31, 244^a; *S. Am.* '40, 426^a.—*band.* '35, 217, '37, 32; *behav.* '39, 421–425; *fd.* '37, 32; *meas.* '37, 32; *mig.* '31, 31, '38, 696^a; *nid.* '37, 31, '39, 420–428; *paras.* '37, 41; *wt.* '35, 204, 471^a, '37, 32; *wt. of egg*, '35, 204.
staebleri, Mex. '40, 542^a.—*descr.*, *meas.* '40, 542.
striata (White-fronted Tern), *N. Z.* '34, 490.
trudeaui (*Trudeau's Tern), *misc.* '34, 225–226^a.
vittata (*Antarctic Tern), *Antarctic*, '36, 235; *S. Orkneys*, '36, 461.—*plm.* '38, 696^a; *misc.* '37, 148.
Sternberg, Raymond McKee.
 A toothless bird from the Cretaceous of Alberta (rev.), '40, 276.
sternbergi (Palaeoplancus), see *Palaeoplancus*.
Sternostoma, *tax.* '36, 122.
Sternostomum, *tax.* '36, 122.
Steuillet, Alfredo B., and **Deautier**, E. A.
 Systematic catalogue of the birds of Argentine Republic (rev.), '36, 355.
 Dos especies de aves interesantes coleccionados en General Lavalle (Buenos Aires) (rev.), '39, 499.
Stevens, Ross O.
 Helping our bird friends (rev.), '36, 113.
stevensi (Climacteris), see *Climacteris*.
Stevenson, Henry Bernard.
 Early nesting of bluebird and mockingbird, '32, 353.
 Wilson's warbler in Georgia, '34, 383.
Stevenson, Henry Miller, Jr.
 Nashville warbler (*Vermivora ruficapilla*) in Alabama, '35, 93.
 Two birds new to Alabama, '35, 99.
 The oldsquaw in the interior of Alabama, '35, 302–303.
 July notes from Alabama, '35, 463.
Stevenson, James Osborne.
 An old record for the western meadowlark from Ohio, '31, 431.
 Experiments on the digestion of food by birds (rev.), '34, 272.
Stevenson, J. O., and **Brodkorb**, P.
 (See also Brodkorb and Stevenson).
 Bird notes from the Chicago area, '33, 371–373.
Stevenson, J. O., and **Howard**, W. J.
 Winter bird notes from the North Carolina coast, '39, 343–344.
Stevenson, J. O., and **Marsh**, E. G., Jr.
 see Marsh and Stevenson.
stevensoni (Nannus), see Nannus.
Stewart, Paul Alva.
 A red-headed woodpecker (*Melanerpes erythrocephalus*) destroys its own eggs, '31, 122.
 Bird injured by high tension wire, '31, 440–441.
 Gambel's sparrow in Ohio, '33, 443–444.
 A preliminary list of bird weights, '37, 324–332.
Sthenelides olor (*Mute Swan, ^bCygnus), *Ill.* '34, 100; *N. J.* '32, 213; *O.* '35, 301; *Prussia*, '35, 486^b.—*hbl.* '39, 267^b; *mig.* '35, 301; *wt.* '38, 513^a, 517; *wing area*, '38, 517; *misc.* '36, 244^a, 249^b, '38, 39^b.
Stickney, Gardner Perry, 1862–1935.
 Obituary, '36, 69.
Stictapteryx iredalei, *misc.* '35, 485.
maxima, *nomen.* '37, 416.
stictoptera (Chloroceryle), see *Chloroceryle*.
Stigmatopelia senegalensis (*Laughing Dove), *Rhodesia*, '37, 112^a.
thome, *St. Thome I.* '31, 635.
Stilbopsar, *misc.* '37, 109.
Stiles, Bruce Fleming.
 The blue goose as a migrant through western Iowa (rev.), '40, 439.
Stiles, Edgar Crane, 1863–1933.
 Obituary, '34, 70, 136.
Stillwell, Jerry E.
 Check-list of birds of Dallas County, Texas (rev.), '40, 131–132.
 Stilt, Black-necked, see *Himantopus mexicanus*.
 White-headed, see *Himantopus leucocephalus*.
Stiltia isabella (*Australian Pratincole), *misc.* '35, 485^a.
Stimson, Louis A.
 Wild flamingos on West Lake, near Cape Sable (rev.), '40, 132.
stirtoni (Piaya), see *Piaya*.
St. Louis Bird Club.
 Annual meeting, '31, 649.
Stock, Chester.
 Rancho la Brea, a record of Pleistocene life in California (rev.), '32, 258–259.
Stoddard, Herbert Lee.

- [Obituary of] James Frank L'Homme-dieu, '31, 164-165.
The bobwhite quail, its habits, preservation and increase (rev.), '31, 444-446.
[Awarded Brewster Medal], '36, 57-58. see Johnston, I. M., 'Crooked-bill, the life of a quail' (rev.), '38, 137-138.
Northern phalarope in Grady County, Georgia, '39, 77-78.
Stoddard, H. L., and Beadel, H. L. see Beadel and Stoddard.
Stoddard, H. L., and Errington, P. L. see Errington and Stoddard.
stoddardi (Creciscus), see Creciscus.
stoicus (Hypnelus), see Hypnelus.
stolidus (Anous), see Anous.
— (Timosa), see Anous.
Stolpe, M., and Zimmer, K.
Physikalische Grundlagen des Vogel-fluges (rev.), '37, 421.
Der Schwirrflyg des Kolibri im Zeit-lupenfilm (rev.), '39, 360.
Stolzmann, Jean Stanislas, 1854-1928.
Obituary, '32, 145-146, 273.
stolzneriana (Riparia), see Riparia.
Stone, Clarence F.
Winter occurrence of warblers in northern Steuben Co., N. Y., '33, 117.
Shufeldt's junco in Steuben Co., N. Y., '33, 123.
Notes from northern Steuben Co., N. Y., '33, 227-229.
Stone, Witmer, 1866-1939.
Dovekies on the coast of New Jersey and Virginia, '31, 105.
[Townsend's Oregon Tubinares], '31, 108-109.
Rare geese on the North Carolina coast, '31, 111.
Three new birds from Honduras (rev.), '31, 307.
[Obituary of] Joseph Parker Norris, '31, 329-330.
Golden plover in Delaware—a correction, '31, 416.
Prothonotary warbler (Protonotaria citrea) in southern New Jersey, '31, 434.
[Obituary of] Spencer Trotter, '31, 471-472.
[Federal poisoning operations], '31, 477-479.
The new A. O. U. Check-list, '31, 523-531.
[Completes his twentieth year as editor of 'The Auk'], '31, 651.
The European cormorant in New Jersey, '32, 77.
[Editorial statement regarding A. O. U. finances], '32, 143.
[Statement of editorial policies], '32, 149.
In Memoriam—Henry Nehrling, 1853-1929, '32, 153-158.
[Obituary of] John Eugene Law, '32, 268-269.
[Obituary of] Charles Eliot Underdown, '32, 272-273.
[Editorial on poisoning of birds and mammals], '32, 275-277.
Purple gallinule in Cape May Co., N. J., '32, 348-349.
[Reply to criticism of the A. O. U. Check-list], '32, 385-386.
[Obituary of] Charles W. Richmond, '32, 392.
[Editorial on poisoning of birds and mammals], '32, 394-395.
Louisiana heron again on the New Jersey coast, '32, 458.
Ospreys bathing, '32, 464.
The birds of Honduras with special reference to a collection made in 1930 by John T. Emlen, Jr., and C. Brooke Worth (rev.), '32, 502-503.
[Obituary of] Outram Bangs, '32, 516.
[Obituary of] Henry Walker Hand, '32, 521.
In memoriam: Charles Wallace Richmond, 1868-1932, '33, 1-22.
Blue goose in Maryland, '33, 209.
[Obituary of] William Jacob Holland, '33, 260.
Northern phalaropes on the New Jersey coast, '33, 358.
Correction, '33, 454.
An influx of Leach's petrels, '34, 74.
Zoological results of the Dolan West China Expedition of 1931. Part 1, birds (rev.), '34, 116.
[Editorial comment on the Ten-year Index of 'The Auk'], '34, 128-129.
[Obituary of] Otto Widmann, '34, 130.
[Obituary of] Ernst Hartert, '34, 130.
[Comments upon Townsend's sooty albatross], '34, 225-226.
European teal in South Carolina, '34, 130.
[Suggestion regarding study of boat-tailed grackle], '34, 279.
[Comments upon nomenclature], '34, 281.
[Obituary of] Ruthven Deane, '34, 282.
American egrets nesting in New Jersey, '34, 368-369.
[Obituary of] Edward William Nelson, '34, 431-432.
[Obituary of] Charles Wendell Townsend, '34, 432.
Purple gallinule (Ionornis martinica) in Cape May County, New Jersey, '34, 518-519.

- [Magpie in Florida and New Jersey], '34, 525.
- Some aspects of the subspecies question, '35, 31-39.
- Blue goose (*Chen caerulescens*) in Cape May Co., N. J., '35, 182-183.
- The London Convention for the Protection of African Flora and Fauna, '35, 473-474.
- The A. O. U. 'Pocket Check-List,' '35, 478.
- [Obituary of] Charles John Pennock, '35, 488.
- [Obituary of] Walter Adams Johnson, '35, 491.
- [Obituary of] David Galbraith Baird, '35, 492.
- [Obituary of] Charles William Henry Ellis, '35, 493.
- On the types of J. K. Townsend's birds, '36, 242.
- [Obituary of] William Harry Bergtold, '36, 369.
- [Obituary of] William Louis Abbott, '36, 369-370.
- [On hawk migration at Cape May, N. J.], '36, 404.
- [On egg-collecting], '36, 468-469.
- [Notice of retirement from editorship of 'The Auk'], '37, 115, 117.
- Zoological results of the George Vanderbilt African Expedition of 1934. Part VI, Birds (rev.), '37, 228.
- Varied thrush at Richmond, New York, '37, 394-395.
- Bird studies at Old Cape May (rev.), '38, 293-294.
- Obituary, '39, 363, '40, 148, 587 (rev.).
- [Awarded Brewster Medal], '40, 142.
- Stone, Witmer, Reviews.
- see Naumberg, E. M. B., 'The birds of Matto Grosso, Brazil' (rev.), '31, 135-136.
- see Weygandt, C., 'The Wissahickon Hills' (rev.), '31, 136-138.
- see Laubmann, A., 'Wissenschaftliche Ergebnisse der Deutschen Gran Chaco-Expedition . . . Vögel' (rev.), '31, 138.
- see Phillips, J. C., 'American game mammals and birds. A catalogue of books, 1582-1925. Sport, natural history, and conservation' (rev.), '31, 138-139.
- see Phillips, J. C., and Lincoln, F. C., 'American waterfowl. Their present situation and the outlook for their future' (rev.), '31, 139-140.
- see Phillips, J. C., and Hill, L. W., 'Classics of the American shooting field. A mixed bag for the kindly sportsman, 1783-1926' (rev.), '31, 140-141.
- see Fuertes, L. A., 'Abyssinian birds and mammals painted from life' (rev.), '31, 141.
- see Lowe, P. R., and Kinnear, N. B., 'Birds. British Antarctic ("Terra Nova") Expedition, 1910' (rev.), '31, 141-142.
- see Grinnell, J., Dixon, J., and Linsdale, J. M., 'Vertebrate natural history of a section of northern California through the Lassen Peak region' (rev.), '31, 142-143.
- see Reviere, B. B., 'A history of the birds of Norfolk' (rev.), '31, 143-144.
- see Baker, E. C. S., 'The game birds of India. Pheasants and bustard-quail' (rev.), '31, 144-145.
- see Burg, G. von, and Knopff, W., 'Les oiseaux de la Suisse . . . XVIe livraison' (rev.), '31, 145.
- see Hortling, I., 'Ornitologisk handbok' part IV (rev.), '31, 145.
- see Henry, G. M., and Wait, W. E., 'Colored plates of the birds of Ceylon' (rev.), part III, '31, 146.
- see Snyder, L. L., and Logier, E. B. S., 'A faunal investigation of King Township, York County, Ontario' (rev.), '31, 146.
- see Fuller, A. B., and Bole, B. P., Jr., 'Observations on some Wyoming birds' (rev.), '31, 146-147.
- see Crabb, E. D., 'The woodpeckers of Oklahoma' (rev.), '31, 147.
- see Danforth, S. T., 'Bird records from the Virgin Islands' (rev.), '31, 147.
- see Beatty, H. A., 'Birds of St. Croix' (rev.), '31, 147.
- see Grote, H., 'Wanderungen und winterquartiere der paläarktischen zugvögel in Afrika' (rev.), '31, 147.
- see Riley, J. H., 'Birds from the small islands off the northeast coast of Dutch Borneo' (rev.), '31, 148.
- see Wetmore, A., 'The ground dove of Navassa Island' (rev.), '31, 148.
- see Wetmore, A., 'Fossil bird remains from the Temblor formation near Bakersfield, California' (rev.), '31, 148.
- see Carriker, M. A., 'Descriptions of new birds from Peru and Ecuador' (rev.), '31, 148-149.
- see Peters, J. L., 'A review of the races of *Picus lineatus* Linné' (rev.), '31, 149.
- see Gyldenstolpe, N., 'On a new spine-tail from east Ecuador together with

- some notes on the forms of the *Synallaxis rutilans* group' (rev.), '31, 149.
- see Gyldenstolpe, N., 'Notes on ant wrens allied to *Myrmotherula surinamensis* Gmelin, together with the descriptions of two forms' (rev.), '31, 149.
- see Oberholser, H. C., 'A new genus of African starlings' (rev.), '31, 149-150.
- see Oberholser, H. C., 'Another new subspecies of *Nannus troglodytes* from Alaska' (rev.), '31, 150.
- see Friedmann, H., 'Notes on *Shepardia cyornithopsis* with description of a new race' (rev.), '31, 150.
- see Friedmann, H., 'A rock thrush new to science from Northern Kenya Colony' (rev.), '31, 150.
- see Friedmann, H., 'The forms of the white-browed robin-chat, *Cossypha heuglini* Hartlaub' (rev.), '31, 150.
- see Bowen, W. W., 'A new race of *Heterotrogon vittatum* from Mount Kenya' (rev.), '31, 150.
- see Bowen, W. W., 'Geographical variation in *Poicephalus fuscicapillus*' (rev.), '31, 150.
- see Larson, L. M., 'Osteology of the California road-runner, Recent and Pleistocene' (rev.), '31, 150.
- see Gorbunov, G., 'Berichte zur Säugetier und Vogelfauna der Nowaja Semlja' (rev.), '31, 150-151.
- see 'The ornithological journals' (rev.), '31, 152-159, 308-317, 462-470, 632-644; '32, 134-141, 260-267, 384-391, 507-516; '33, 143-150, 250-259, 381-384, 460-464; '34, 117-124, 271-278, 419-428, 552-561; '35, 121-127, 216-223, 343-351, 481-487; '36, 117-124, 244-250, 359-365, 471-477.
- see 'Ornithological articles in other journals' (rev.), '31, 159-160, 317-318, 644-646.
- see Bannerman, D. A., 'The birds of tropical West Africa' (rev.), vol. 1, '31, 285-286; vol. 2, '32, 244; vol. 3, '34, 107-108.
- see Kleinschmidt, O., 'The formenkreise theory and the progress of the organic world' (rev.), '31, 286-288.
- see Belcher, C. F., 'The birds of Nyasaland' (rev.), '31, 288-289.
- see Meinertzhagen, R., 'Nicoll's Birds of Egypt' (rev.), '31, 289-291.
- see Chapman, A., 'Memories of four-score years less two, 1851-1929' (rev.), '31, 293-294.
- see Brooks, E. A., 'List of the birds of West Virginia' (rev.), '31, 294.
- see Zimmer, J. T., 'Birds of the Marshall Field Peruvian Expedition, 1922-1923' (rev.), '31, 294.
- see Oberholser, H. C., 'Notes on a collection of birds from Arizona and New Mexico' (rev.), '31, 294-295.
- see Hartert, E., 'On a collection of birds made by Dr. Ernst Mayr in northern Dutch New Guinea' (rev.), '31, 295.
- see Allen, G. M., 'The birds of Liberia' (rev.), '31, 295-296.
- see Burt, W. H., 'Adaptive modifications in the woodpeckers' (rev.), '31, 296.
- see Gross, A. O., 'Progress report of the Wisconsin prairie chicken investigation' (rev.), '31, 296-297.
- see Koslova, E. V., [On birds of Transbaikalia and Mongolia], (rev.), '31, 297.
- see Ognev, S. I., and Worobiev, C. A., [On the vertebrate fauna of Woronezh] (rev.), '31, 298.
- see 'The Audubon Bulletin' (rev.), 1931, '31, 298; 1932, '32, 378.
- see Williams, C. B., 'The migration of butterflies' (rev.), '31, 298-299.
- see Weiss, H. B., and Ziegler, G. M., 'Thomas Say, early American naturalist' (rev.), '31, 299-300.
- see Oliver, W. R. B., 'New Zealand birds' (rev.), '31, 300-301.
- see Baerg, W. J., 'Birds of Arkansas' (rev.), '31, 301.
- see van Schaick, J., Jr., 'The little hill farm or cruising in Old Schoharie' (rev.), '31, 301-302.
- see Mailliard, J., 'Handbook of the birds of Golden Gate Park, San Francisco' (rev.), '31, 302.
- see Mayr, E., and Meise, W., 'Theoretisches zur Geschichte des Vogelzuges' (rev.), '31, 302-304.
- see 'Shorter papers,' 'Shorter publications,' 'Other publications,' 'Other ornithological publications' (rev.), '31, 304-308, 459-462; '32, 128-133, 253-260, 380-384, 506-507; '33, 138-143, 248-250, 378-381, 458-460; '34, 114-116, 267-271, 417-419, 551-552; '35, 119-121, 212-216, 339-343, 479-480; '36, 114-117, 242-244, 358-359, 469-471.
- see Stoddard, H. L., 'The bobwhite quail, its habits, preservation and increase' (rev.), '31, 444-446.
- see Leopold, A., 'Report on a game survey of the north central states' (rev.), '31, 446-448.

- see Hornaday, W. T., 'Thirty years war for wild life' (rev.), '31, 448-449.
- see Nichols, J. C. M., 'Birds of marsh and mere and how to shoot them' 2nd ed. (rev.), '31, 451.
- see Wetmore, A., and Swales, B. H., 'The birds of Haiti and the Dominican Republic' (rev.), '31, 451-452.
- see Nice, Margaret M., 'The birds of Oklahoma,' revised ed. (rev.), '31, 452.
- see Spiker, C. J., 'A biological reconnaissance of the Peterboro swamp and the Labrador pond areas' (rev.), '31, 453-454.
- see Hachisuka, Marquess, 'The birds of the Philippine Islands with notes on the mammal fauna' (rev.), pt. 1, '31, 454; pt. 2, '33, 240; pt. 3, '35, 211-212; pt. 4, '36, 108.
- see van Rossem, A. J., 'Report on a collection of land birds from Sonora' (rev.), '31, 454-455.
- see Willett, G., 'Third ten-year index to the Condor, 1919-1928' (rev.), '31, 455.
- see Bowen, W. W., 'East African birds collected during the Gray African Expedition-1929' (rev.), '31, 455-456.
- see Bowen, W. W., 'Angolan birds collected during the Gray African Expedition, 1929' (rev.), '31, 456.
- see Osborn, H. F., 'Cope: master naturalist' (rev.), '31, 456-457.
- see Swarth, H. S., 'The avifauna of the Galapagos Islands' (rev.), '31, 624-625.
- see Slevin, J. R., 'Log of the schooner "Academy" on a voyage of scientific research to the Galapagos Islands 1905-1906' (rev.), '31, 625-626.
- see Low, G. M., 'The literature of the Charadriiformes from 1894-1928 with a classification of the Order, and lists of the genera, species and subspecies' (rev.), '31, 627.
- see Mills, E. A., 'Bird memories of the Rockies' (rev.), '31, 627.
- see 'The Indiana Audubon Year Book' (rev.), '31, 628; '32, 505; '33, 458; '34, 547; '35, 477.
- see Sprunt, A., Jr., and Chamberlain, E. B., 'Second supplement to Arthur T. Wayne's Birds of South Carolina' (rev.), '31, 628.
- see La Touche, J. D. D., 'A handbook of the birds of eastern China' (rev.), vol. II, pt. 1, '31, 628; pt. 2, '32, 248; pt. 3, '33, 244-245; pt. 4, '33, 378; pt. 5, '34, 264; pt. 6, '34, 544.
- see Berlioz, J., 'La vie des oiseaux' (rev.), '31, 629.
- see Delacour, J., and Jabouille, P., 'Oiseaux des Iles Paracels' (rev.), '31, 629.
- see Bangs, O., and Van Tyne, J., 'Birds of the Kelley-Roosevelts Expedition to French Indo-China' (rev.), '31, 629.
- see Lönnberg, E., 'A contribution to the bird fauna of southern Gobi' (rev.), '31, 630.
- see Lönnberg, E., 'A remarkable gull from the Gobi Desert' (rev.), '31, 630.
- see Taverner, P. A., 'A study of Branta canadensis (Linnaeus), the Canada goose' (rev.), '31, 630-631.
- see Lowe, P. R., 'On the anatomy of Pseudocalyptomena and the occurrence of broadbills (Eurylaemidae) in Africa' (rev.), '31, 631-632.
- see Swarth, H. S., 'Geographic variation in the Richardson grouse' (rev.), '31, 644.
- see van Rossem, A. J., 'Descriptions of new birds from the mountains of southern Nevada' (rev.), '31, 644-645.
- see Rowan, W., 'The riddle of migration' (rev.), '32, 110-112.
- see Peters, J. L., 'Check-list of birds of the world' (rev.), vol. 1, '32, 112-114; vol. 2, '34, 540-541.
- see Wood, C. A., 'An introduction to the literature of vertebrate zoology' (rev.), '32, 114-116.
- see Miller, A. H., 'Systematic revision and natural history of the American shrikes (Lanius)' (rev.), '32, 116-118.
- see Rickman, P., 'A bird painter's sketch book' (rev.), '32, 118.
- see Nicholson, E. M., 'The art of bird-watching' (rev.), '32, 118-120.
- see Kearton, C., 'The island of penguins' (rev.), '32, 120-121.
- see Crandall, L. S., 'Paradise quest, a naturalist's experience in New Guinea' (rev.), '32, 121-122.
- see Blatchley, W. S., 'My nature nook or notes on the natural history of the vicinity of Dunedin, Florida' (rev.), '32, 122-123.
- see Doane, W., 'Common pests' (rev.), '32, 123.
- see Ashbrook, F. G., 'Birds of America' (rev.), '32, 123-124.
- see Baldwin, S. P., Oberholser, H. C., and Worley, L. G., 'Measurements of birds' (rev.), '32, 124.

- see Sclater, W. L., 'Zoological record, LXVII, 1930, Aves' (rev.), '32, 125.
- see Reis, J. A. Jr., 'Catalogo sistematico e analitico das aves de Portugal' (rev.), '32, 125.
- see Snyder, L. L., and Logier, E. B. S., 'A faunal investigation of Long Point and vicinity, Norfolk County, Ontario' (rev.), '32, 125-126.
- see Robert, Leo-Paul, 'Les oiseaux de chez nous' (rev.), '32, 126.
- see Howell, A. H., 'Florida bird life' (rev.), '32, 240-242.
- see Chapman, F. M., 'Handbook of birds of eastern North America' second revised edition (rev.), '32, 242-243.
- see Martorelli, G., 'Birds of Italy,' second edition (rev.), '32, 244-245.
- see Wetmore, A., 'Birds' (rev.), '32, 245.
- see Chapman, F. M., 'The upper zonal bird-life of Mts. Roraima and Duida' (rev.), '32, 245-247.
- see Pickwell, G. B., 'The prairie horned lark, (rev.), '32, 247-248.
- see Bowen, W. W., 'Catalogue of Sudan birds' (rev.), '32, 248.
- see Chisholm, A. H., 'Nature fantasy in Australia' (rev.), '32, 248-249.
- see Townsend, C. W., 'From Panama to Patagonia' (rev.), '32, 249-250.
- see Delacour, J., and Jabouille, P., 'Les oiseaux de l'Indochine Francaise' (rev.), '32, 250-251.
- see Swann, H. K., and Wetmore, A., 'A monograph of the birds of prey (order Accipitres) (rev.), pt. X, '32, 251; pt. XI, '33, 378; pt. XII, '35, 112; pt. XIII, '36, 236.
- see Buick, T. L., 'The mystery of the moa, New Zealand's avian giant' (rev.), '32, 252.
- see Hortling, I., 'Handbook of the birds of Finland' (rev.), '32, 252-253.
- see Bradlee, T. S., and Mowbray, L. L., 'A list of birds recorded from the Bermudas' (rev.), '32, 253-254.
- see Roberts, T. S., 'The birds of Minnesota' (rev.), '32, 368-370.
- see Arthur, S. C., 'The birds of Louisiana' (rev.), '32, 370-371.
- see Cayley, N. W., 'What bird is that?' (rev.), '32, 371-372.
- see Brown, C. E., 'My animal friends' (rev.), '32, 372.
- see Coble, M. F., and Life, C. S., 'Introduction to ornithological nomenclature' (rev.), '32, 372-374.
- see Griscom, L., 'The distribution of bird-life in Guatemala' (rev.), '32, 374-375.
- see McAtee, W. L., 'Effectiveness in nature of the so-called protective adaptations in the animal kingdom, chiefly as illustrated by the food habits of Nearctic birds (rev.), '32, 375-376.
- see de Schauensee, R. M., 'A collection of birds from southwestern Africa' (rev.), '32, 376.
- see Armstrong, J. S., 'Hand-list to the birds of Samoa' (rev.), '32, 376-377.
- see Twining, F. S., 'Bird watching in the west' (rev.), '32, 377.
- see 'Cassinia,' 1929-30 (rev.), '32, 377-378.
- see Bertelsen, A., 'Notes on the avifauna of west Greenland between 60° and 77° n. lat.' (rev.), '32, 380.
- see Friedmann, H., 'The birds of St. Lawrence Island, Bering Sea' (rev.), '32, 380.
- see Friedmann, H., 'The parasitic habit in the ducks, a theoretical consideration' (rev.), '32, 380-381.
- see Oberholser, H. C., 'The birds of Natuna Islands' (rev.), '32, 383.
- see Sumner, F. B., 'Genetic, distributional, and evolutionary studies of the distribution of deer mice (*Peromyscus*)' (rev.), '32, 383.
- see Sutton, G. M., 'The birds of Southampton Island' (rev.), '32, 498-499.
- see Bent, A. C., 'Life histories of North American gallinaceous birds' (rev.), '32, 500.
- see Bowen, W. W., 'Notes on the A. Blaney Percival collection of East African birds', pt. 1 (rev.), '32, 501.
- see Bowen, W. W., 'Angolan birds collected during the second Gray African Expedition—1930' (rev.) '32, 501.
- see Hellmayr, C. E., 'The birds of Chile' (rev.), '32, 501-502.
- see Huber, W., 'Birds collected in northwestern Nicaragua in 1922' (rev.), '32, 503.
- see Zimmer, J. T., 'Studies of Peruvian birds,' III, IV, V, and VI (rev.), '32, 503.
- see Farley, F. L., 'Birds of the Battle Creek region' (rev.), '32, 504.
- see Wetmore, A., and Brooks, A., [On hummingbirds, swifts and goat-suckers] (rev.), '32, 504-505.
- see Legendre, M., 'Monographie des mesanges d'Europe' (rev.), '32, 505.

- see Grote, H., 'On the avifauna of Novaya Zemlaya' (rev.), '32, 506.
- see Stresemann, E., 'Notes on the systematics and distribution of some swifts (Collocalia) of Malaysia and adjacent subregions' (rev.), '32, 506.
- see Wetmore, A., 'Birds collected in Cuba and Haiti by the Parrish-Smithsonian Expedition of 1930' (rev.), '32, 506-507.
- see Austin, O. L., Jr., 'The birds of Newfoundland Labrador' (rev.), '33, 127-128.
- see Fuertes, L. A., and Brooks, A., 'Portraits of New England birds' (rev.), '33, 128.
- see Weygandt, C., 'A passing America' (rev.), '33, 128.
- see Street, J. F., 'Brief bird biographies' (rev.), '33, 129.
- see Baldwin, S. P., and Kendeigh, S. C., 'Physiology of the temperature of birds' (rev.), '33, 129-130.
- see Kendeigh, S. C., 'A study of Merriam's temperature laws' (rev.), '33, 130-131.
- see Shelford, V. E., 'Life zones, modern ecology and failure of temperature summing' (rev.), '33, 130-131.
- see Lowe, W. P., 'The trail that is always new' (rev.), '33, 131-132.
- see Cayley, N. W., 'Australian finches in bush and aviary' (rev.), '33, 132-133.
- see Moody, A. F., 'Water-fowl and game-birds in captivity' (rev.), '33, 133.
- see Pearson, T. G., and Brooks, A., 'The large wading birds' (rev.), '33, 133-134.
- see Stoner, D., 'Ornithology of the Oneida Lake region' (rev.), '33, 134-135.
- see Loeppenthin, B., 'Birds of north-eastern Greenland' (rev.), '33, 135-136.
- see Hachisuka, Marquess, et al., 'A hand-list of the Japanese birds' (rev.), '33, 136-137.
- see Kuroda, N., 'A revision of the types of birds described by Japanese authors during the years 1923-1931' (rev.), '33, 136-137.
- see Howard, H., 'Eagles and eagle-like vultures of the Pleistocene of Rancho La Brea' (rev.), '33, 137.
- see Harrison, T. H., and Hollom, P. A. D., 'The great crested grebe enquiry, 1931' (rev.), '33, 137-138.
- see Chapin, J. P., 'The birds of the Belgian Congo' (rev.), '33, 237-240.
- see Baker, E. C. S., 'Nidification of birds of the Indian Empire' (rev.), vol. I, '33, 241; vol. II, '33, 456; vol. III, '34, 410; vol. IV, '35, 474-475.
- see Ticehurst, C. B., 'A history of the birds of Suffolk' (rev.), '33, 241-242.
- see Menegaux, A., 'Birds of France' (rev.), vol. I, '33, 242; vol. II, '35, 111.
- see Anderson, R. M., 'Methods of collecting and preserving vertebrate animals' (rev.), '33, 242-243.
- see Stead, E. F., 'The life histories of New Zealand birds' (rev.), '33, 243-244.
- see Taka-tsukasa, Prince, 'The birds of Nippon' (rev.), vol. I, pt. 1, '33, 244; pt. 2, '33, 455-456; pt. 3, '34, 410; pt. 4, '35, 212; pt. 5, '36, 356.
- see Gorbunov, G., 'Birds of Franz-Joseph Land' (rev.), '33, 245.
- see Pearson, T. G., and Brooks, A., 'Crows, magpies and jays' (rev.), '33, 245.
- see Palmgren, P., [On animal ecology] (rev.), '33, 245-246.
- see Leopold, A., 'Game management' (rev.), '33, 376-377.
- see Jones, F. M., 'Insect coloration and the relative acceptability of insects to birds' (rev.), '33, 377.
- see Wright, G. M., Dixon, J. S., and Thompson, B. H., 'Fauna of the National Parks of the United States' (rev.), '33, 377-378.
- see Bond, F., 'My bird boarders' (rev.), '33, 378.
- see Boulton, R., 'Traveling with the birds' (rev.), '33, 455.
- see Fortner, H. C., Smith, W. P., and Dole, E. J., 'A list of Vermont birds' (rev.), '33, 456-457.
- see Wetmore, A., and Brooks, A., 'The eagle, king of birds, and his kin' (rev.), '33, 457.
- see Thompson, B. H., 'History and present status of the breeding colonies of the white pelican in the United States' (rev.), '33, 458.
- see A. O. U. 'Memorial Volume' [Fifty years progress of American ornithology] (rev.), '34, 105-106.
- see Chapman, F. M., 'Autobiography of a bird-lover' (rev.), '34, 106-107.
- see Kuroda, N., 'Birds of the island of Java,' vol. I (rev.), '34, 108.
- see Phillips, J. C., 'A sportsman's second scrapbook' (rev.), '34, 108-109.
- see Caum, E. L., 'The exotic birds of Hawaii' (rev.), '34, 109.

- see Bailey, Florence M., 'Birds' in 'Cave life of Kentucky mainly in the Mammoth Cave region' (rev.), '34, 109-110.
- see Lowe, P. R., 'On the primitive characters of the penguins, and their bearing on the phylogeny of birds' (rev.) '34, 110.
- see Ball, S. C., 'Jungle fowls from the Pacific islands' (rev.), '34, 110-111.
- see Littlejohns, R. T., 'The magic voice. A story of the Australian lyre-bird' (rev.), '34, 111-112.
- see Bowen, W. W., 'African bird distribution in relation to temperature and rainfall' (rev.), '34, 112.
- see Anonymous, 'The duck decline in the northwest' (rev.), '34, 112.
- see Bennitt, R., 'Check-list of the birds of Missouri' (rev.), '34, 112-113.
- see DuMont, P. A., 'A revised list of the birds of Iowa' (rev.), '34, 113.
- see Greene, E. R., 'Birds of the Atlanta, Georgia, area, distribution, migration and nesting' (rev.), '34, 113-114.
- see Ganier, A. F., 'Water birds of Reelfoot Lake' (rev.), '34, 114.
- see Dementiev, G. P., 'Systema avium Rossicarum' (rev.), vol. I, Accipitres, '34, 122; Striges-Passerres, '36, 106-107.
- see Lanier, H. W., 'A. B. Frost, the American sportsman's artist' (rev.), '34, 257-258.
- see Priest, C. D., 'Birds of southern Rhodesia' (rev.), vol. I, '34, 263-264; vol. II, '34, 411; vol. III, '36, 105-106.
- see Lynes, H., 'Birds of the Ubena-Uhehe Highlands and Iringa Uplands' (rev.), '34, 264-265.
- see Holman, J. P., 'Sheep and bear trails' (rev.), '34, 265.
- see Sprunt, A., Jr., 'A new grackle from Florida' (rev.), '34, 265.
- see Harper, F., 'The boat-tailed grackle of the Atlantic coast' (rev.), '34, 265.
- see Griscom, L., 'The birds of Dutchess County, New York' (rev.), '34, 266.
- see Willett, G., 'A revised list of the birds of southwestern California' (rev.), '34, 266-267.
- see Saunders, W. E., and Dale, E. M. S., 'History and list of birds of Middlesex County, Ontario' (rev.), '34, 267.
- see Peterson, R. T., 'A field guide to the birds . . . in eastern North America' (rev.), '34, 407-408.
- see Brand, A. R., 'Songs of wild birds' (rev.), '34, 408-409.
- see Weygandt, C., 'The White Hills' (rev.), '34, 410-411.
- see Wetmore, A., 'Winged denizens of woodland, stream, and marsh' (rev.), '34, 411.
- see Brooks, A., 'Blithe birds of doorway, bush, and brake' (rev.), '34, 411.
- see de Schauensee, R. M., 'Birds from Siam and the southern Shan States' (rev.), '34, 411-412.
- see Roberts, H. R., 'List of Trinidad birds with field notes' (rev.), '34, 412.
- see Swarth, H. S., 'Birds of Nunivak Island, Alaska' (rev.), '34, 412-413.
- see Kitchin, E. A., 'Distributional check-list of the birds of Washington' (rev.), '34, 414.
- see Alvarez, T., 'Birds of Uruguay' (rev.), '34, 414.
- see Eaton, R. J., 'Migratory movements of herring gulls' (rev.), '34, 414-415.
- see Lumley, E. D., 'The shortage of waterfowl' and 'Hawks' (rev.), '34, 415-416.
- see Roberts, T. S., 'Bird portraits in color' (rev.), '34, 541-542.
- see Swarth, H. S., 'Ten year index to the Auk' (rev.), '34, 542-543.
- see McIlhenny, E. A., 'Bird City' (rev.), '34, 543.
- see Brooks, A., and Allen, A. A., '[On blackbirds, orioles, etc.]' (rev.), '34, 543-544.
- see Taverner, P. A., and Sutton, G. M., 'The birds of Churchill, Manitoba' (rev.), '34, 544-545.
- see Ford, E. R., Sanborn, C. C., and Coursen, C. B., 'Birds of the Chicago region' (rev.), '34, 545.
- see Ball, S. C., 'Hybrid ducks' (rev.), '34, 545-546.
- see Kendeigh, S. C., 'The role of environment in the life of birds' (rev.), '34, 546.
- see Chasen, F. N., 'Notes on the birds of Christmas Island, Indian Ocean' (rev.), '34, 547.
- see Williams, H. S., 'Nest building—new style' (rev.), '34, 547.
- see Sumner, F. B., 'Taxonomic distinctions viewed in the light of genetics' (rev.), '34, 548.
- see van Rossem, A. J., 'Notes on some types of North American birds' (rev.), '34, 548-549.
- see van Rossem, A. J., '[New North American birds]' (rev.), '34, 549.
- see Hellmayr, C. E., 'Catalogue of

- birds of the Americas' (rev.), pt. VII, '35, 105-106; pt. VIII, '36, 103-105.
- see Friedmann, H., 'The instinctive emotional life of birds' (rev.), '35, 106-107.
- see Richmond, W. K., 'Quest for birds' (rev.), '35, 107-108.
- see Chisholm, A. H., 'Bird wonders of Australia' (rev.), '35, 108-109.
- see Sutton, G. M., 'Eskimo year' (rev.), '35, 109-110.
- see Meise, W., 'Birds of Manchuria' (rev.), '35, 110.
- see Bailey, A. M., and Wright, E. G., 'At home with the birds' (rev.), '35, 112.
- see Marelli, C. A., 'Bibliography of Argentine ornithology' (rev.), '35, 112.
- see Berlioz, J., [Recent papers] (rev.), '35, 112-113.
- see Friedmann, H., [Recent papers] (rev.), '35, 113.
- see Brooks, A., [On waterfowl] (rev.), '35, 113-114.
- see Kelso, L., 'A key to species of American owls' (rev.), '35, 114.
- see Allen, A. A., 'American bird biographies' (rev.), '35, 205.
- see Saunders, A. A., 'A guide to bird songs' (rev.), '35, 205-206.
- see Herrick, F. H., 'The American eagle' (rev.), '35, 206.
- see Wynne-Edwards, V. C., 'On the habits and distribution of birds of the North Atlantic' (rev.), '35, 206-207.
- see Wetmore, A., and Brooks, A., [On American owls] (rev.), '35, 207.
- see Greenway, J. C., Jr., 'Birds from northeastern New Guinea' (rev.), '35, 207-208.
- see van Rossem, A., 'Critical notes on Middle American birds' (rev.), '35, 208.
- see Mousley, H., [On the woodcock] (rev.), '35, 208-209.
- see Whistler, H., 'Popular handbook of Indian birds' (rev.), '35, 209.
- see Yeates, G. K., 'The life of the rook' (rev.), '35, 209-210.
- see Thomson, I. M., 'Birds from the hide' (rev.), '35, 210.
- see Mathews, G. M., 'On Fregetta Bonaparte and allied genera,' and 'A check list of the order Procellariiformes' (rev.), '35, 210-211.
- see Furbay, J. H., 'Nature chats' (rev.), '35, 212.
- see Sutton, G. M., 'Notes on the birds of the western panhandle of Oklahoma' (rev.), '35, 214-215.
- see Wetmore, A., [Recent papers on fossil birds] (rev.), '35, 215.
- see Yeatler, R. E., 'The Hungarian partridge in the Great Lakes region' (rev.), '35, 216.
- see May, J. B., 'The hawks of North America' (rev.), '35, 331.
- see Howard, E., 'The nature of a bird's world' (rev.), '35, 331-332.
- see Herrick, F. H., 'Wild birds at home' (rev.), '35, 332-333.
- see Taverner, P. A., 'Birds of Canada' (rev.), '35, 333.
- see Bergmann, S., 'Birds of Kamtschatka and the Kurile Islands' (rev.), '35, 333.
- see Lamond, H. G., 'An aviary on the plains' (rev.), '35, 333-334.
- see Cox, W. D., 'Bird stamps of all countries with a natural history of each bird' (rev.), '35, 334.
- see Tufts, R. W., 'Some common birds of Nova Scotia' (rev.), '35, 334.
- see Glegg, W. E., 'A history of the birds of Essex' (rev.), '35, 334-335.
- see Griscom, L., 'The ornithology of the Republic of Panama' (rev.), '35, 338.
- see Pickwell, G., 'Bird studies' (rev.), '35, 338-339.
- see Allen, A. A., and Brooks, A., [On the tanagers and finches] (rev.), '35, 339.
- see Connery, R. H., 'Governmental problems in wild life conservation' (rev.), '35, 472-473.
- see Dickey, Florence V., 'Familiar birds of the Pacific southwest' (rev.), '35, 474.
- see Spiker, C. J., 'Bird life of the Finger Lakes of New York' (rev.), '35, 475.
- see Danforth, S. T., 'The birds of Saint Lucia' (rev.), '35, 475-476.
- see Taka-Tsukasa, Prince, et al., 'Birds of Jehol' (rev.), '35, 476.
- see Wright, G. M., and Thompson, B. H., 'Wild life management in the national parks' (rev.), '35, 476-477.
- see 'Third report of the Hawk and Owl Society' (rev.), '35, 477.
- see Snyder, L. L., 'A study of the sharp-tailed grouse' (rev.), '35, 477-478.
- see Hibbert-Ware, A., 'The little owl' (rev.), '35, 478.
- see Bond, J., 'Birds of the West Indies' (rev.), '36, 105.
- see Raven, H. C., 'Wallace's line and the distribution of Indo-Australian mammals' (rev.), '36, 107.

- see Rintoul, Leonora J., and Baxter, Evelyn B., 'A vertebrate fauna of Forth' (rev.), '36, 107-108.
- see Pinto, O. M. de O., 'Birds of Bahia' (rev.), '36, 108-109.
- see Pirnie, M. D., 'Michigan waterfowl management' (rev.), '36, 109-110.
- see Turner, E. L., 'Every garden a bird sanctuary' (rev.), '36, 110.
- see Sutton, G. M., 'The juvenal plumage and post-juvenal moult in several species of Michigan sparrows' (rev.), '36, 110-111.
- see Chapman, F. M., 'The courtship of Gould's manakin (*Manacus vitellinus vitellinus*) on Barro Colorado Island, Canal Zone' (rev.), '36, 111-112.
- see Sumner, F. B. [on protective coloration] (rev.), '36, 112-113.
- see Mitchell, Margaret H., 'The passenger pigeon in Ontario' (rev.), '36, 113.
- see Murphy, R. C., 'Oceanic birds of South America' (rev.), '36, 234-236.
- see Aymar, G. C., 'Bird flight' (rev.), '36, 236-237.
- see Wetmore, A., and Brooks, A., [on auks and their allies] (rev.), '36, 237.
- see Linsdale, J. M., 'The birds of Nevada' (rev.), '36, 237-238.
- see Griscom, L., 'Problems of field identification' (rev.), '36, 238-240.
- see Peters, J. L., and Loveridge, A., 'Scientific results of an expedition to rain forest regions in eastern Africa' (rev.), '36, 240.
- see Carriker, M. A., and de Schauensee, R. M., [on Guatemalan birds] (rev.), '36, 240-241.
- see Griscom, L., 'The birds of the Sierra de las Minas, eastern Guatemala' (rev.), '36, 241.
- see Danforth, S. T., [on West Indian birds] (rev.), '36, 241.
- see Berlioz, J., [on a collection of birds from the Belgian Congo], and [on specimens of extinct birds in the Paris Museum] (rev.), '36, 241.
- see Pettingill, O. S., Jr., 'The American woodcock *Philohela minor* (Gmelin)' (rev.), '36, 352-353.
- see van Rossem, A. J., 'Birds of the Charleston Mountains, Nevada' (rev.), '36, 353-354.
- see Joy, N. H., 'How to know the birds' (rev.), '36, 354.
- see Lockley, R. M., 'Birds of the green belt' (rev.), '36, 354.
- see Brooks, A., and Pearson, T. G., [on thrushes, thrashers and swallows] (rev.), '36, 354-355.
- see Brooks, A., and Wetmore, A., [on parrots, kingfishers and flycatchers] (rev.), '36, 354-355.
- see Steullet, A. B., and Deautier, E. A., 'Catalogo sistematico de las aves de la Republica Argentina' (rev.), '36, 355.
- see Pinto, O. M. de O., [on the birds of Goyaz] (rev.), '36, 356.
- see Proceedings of the Linnaean Society of New York (rev.), '36, 356.
- see School Bulletin of the University of the State of New York (rev.), '36, 356.
- see Quinn, D., 'Framing the birds of prey' (rev.), '36, 356-357.
- see Mathews, G. M., 'A supplement to the birds of Norfolk and Lord Howe islands, and New Zealand' (rev.), '36, 459.
- see Sutton, G. M., 'Birds in the wilderness' (rev.), '36, 461.
- see Peattie, D. C., 'Green laurels' (rev.), '36, 461-462.
- see Clarke, C. H. D., 'Fluctuation in numbers of ruffed grouse' (rev.), '36, 462-463.
- see Robinson, H. C., and Chasen, F. N., 'The birds of the Malay Peninsula' (rev.), '36, 464.
- see Thomson, D. F., 'Birds of Cape York Peninsula' (rev.), '36, 464-465.
- see Heim de Balsac, H., 'Mammals and birds of North Africa' (rev.), '36, 465.
- see Parker, E., 'Ethics of egg-collecting' (rev.), '36, 467-469.
- see Burt, W. H., 'The resident birds of southern Michigan' (rev.), '36, 477.
- see Mayaud, N., 'Catalogue of the birds of France' (rev.), '37, 105.
- see Fuertes, L. A., and Osgood, W. H., 'Artist and naturalist in Ethiopia' (rev.), '37, 105-106.
- see Thomson, A. L., 'Bird migration' (rev.), '37, 106.
- see Nicholson, E. M., and Koch, L., 'Songs of wild birds' (rev.), '37, 106.
- see Danforth, S. T., 'The birds of St. Kitts and Nevis' (rev.), '37, 108.
- see Wetmore, A., 'A new race of song sparrow from the Appalachian region' (rev.), '37, 112.
- see Jackson, Sir F. J., and Sclater, W. L., 'The birds of Kenya Colony and the Uganda Protectorate' (rev.), '38, 681-682.
- Stone, W., and Roberts, H. R. Zoological results of the Matto Grosso

- expedition to Brazil in 1931,—III.
Birds (rev.), '35, 110-111.
Stonechat, Burmese, see *Saxicola leucura*.
Pied, see *Pratincola caprata*.
Stoneham Museum and Research Centre.
[Notice], '34, 137-138.
stonei (*Quiscalus*), see *Quiscalus*.
— (*Saxicola*), see *Saxicola*.
Stoner, Dayton.
Ornithology of the Oneida Lake region
(rev.), '33, 134-135.
Occurrence of Wilson's petrel (*Ocean-
ites oceanicus*) in Franklin County,
New York, '34, 367.
Temperature and growth studies on
the barn swallow, '35, 400-407.
Wildlife casualties on the highways
(rev.), '37, 228.
Ten years' returns from banded bank
swallows (rev.), '37, 421.
American egret along the upper Hud-
son River, '38, 119-121.
Records of bird temperatures (rev.),
'38, 156.
Great gray owl from New York State,
'38, 279-280.
Three returns of a bank swallow (rev.),
'38, 581.
Longevity in the bank swallow (rev.),
'39, 207.
Eastern sparrow hawk feeding on big
brown bat, '39, 474.
The golden eagle in eastern New York
(rev.), '39, 499.
Temperature, growth, and other stud-
ies on the eastern phoebe (rev.), '40,
276.
Parasitism of the English sparrow on
the northern cliff swallow (rev.), '40,
276.
Noteworthy records for northeastern
New York, winter 1939-40, '40, 406-
407.
Unreported New York State specimens
of the passenger pigeon, '40, 415-416.
Autumn shore birds in the Albany
region (rev.), '40, 439.
Stoner, Emerson Austin.
Feeding of horned owl on Jerusalem
crickets, '31, 425.
Jay and bushtit nesting in close
proximity, '31, 430-431.
Marsh hawk vs. coyotes, '31, 599.
Some avian uses for mistletoe, '32,
365-366.
Odd nesting site of western flycatcher,
'32, 482.
A collection showing food eaten by
birds, '33, 187-189.
Sleeping posture of house finches on
the nest at night, '34, 92.

- Elevation of nests of the western crow,
'37, 394.
Sleeping posture of a Virginia rail
(rev.), '38, 308.
A record of twenty-five years of wild-
fowl shooting on the Suisun Marsh,
California (rev.), '38, 581.
A definite age record of a horned owl,
'40, 572-573.
Stonor, Charles Robert.
Casting up of gizzard lining by horn-
bills (rev.), '37, 111.
The male characters of the immature
female of *Rhyticeros plicatus* (rev.),
'37, 421.
On the case of a male ruff (*Philomachus
pugnax*) in the plumage of an adult
female (rev.), '38, 581.
On the attempted breeding of a pair
of trumpeter hornbills (*Bycanistes
buccinator*) (rev.), '38, 581.
Notes on the breeding habits of the
common screamer (*Chauna tor-
quata*) (rev.), '39, 207.
A new species of paradise bird of the
genus *Astrapia* (rev.), '39, 360.
Killdeer plover in Devonshire (rev.),
'39, 500.
Storer, Robert Winthrop.
Summer records from Ocean County,
New Jersey, '37, 548.
Audubon's shearwater on New Jersey
coast, '40, 244.
Stork, see Ciconia ciconia.
Black, see *Ciconia nigra*.
Black-necked, see *Xenorhynchus asi-
aticus*.
European White, see *Ciconia ciconia*.
Shoe-bill, see *Balaeniceps rex*.
Western, see *Ciconia ciconia*.
Whale-headed, see *Balaeniceps rex*.
White, see *Ciconia ciconia*.
Strabala, Lony Balthasar.
A snowy owl record for 1932, in Co-
lumbiana County, Ohio, '32, 221.
strausae (*Apalis*), see *Apalis*.
Strecker, John Kern, 1875-1933.
Obituary, '34, 70, '35, 491.
Street, John Fletcher.
Brief bird biographies (rev.), '33, 129.
Streich, G., and Svetosarov, E.
Über die Schnelligkeit des Federwach-
stums (rev.), '37, 421.
Die natürliche Mauser der Entenvögel
(rev.), '38, 582.
Die experimentelle Analyse des Ge-
schlechts und Saisondimorphismus
im Gefieder der Enten (rev.), '38,
582.
strenuus (*Vireo*), see *Vireo*.
strepera (*Anas*), see *Chaulelasmus*.

streperus (Chaulelasmus), see Chaulelas-mus.

Streptopelia alba, *aviary*, '35, 340.

ambigua, *Afr.* '37, 409.

bornuensis, *Nigeria*, '31, 635.

decipiens, *Afr.* '37, 409.

dusumieri (Dusumier's Turtle Dove) *P. I.* '38, 210.—*nid.* '38, 210.

humilis (Red Turtle Dove), *P. I.* '38, 210.—*courtship*, *nid.*, '38, 210.

perspicillata, *Afr.* '37, 409.

risoria (*Ringed Turtle Dove, Blond Ring Dove, ^bTurtur, ^cdecaocto), *hbt.* '40, 178^b; *misc.* '39, 271^{ab}, '40, 588^a.

shellei, *Afr.* '37, 409.

turtur (*Turtle Dove), *Switz.* '38, 570.—*song*, '40, 270^a.

Streptoprocne albicincta, *Pan.* '39, 81.—*colors*, '39, 81.

mexicana (Mexican Collared Swift, ^bzonaris), *Mex.* '40, 237^b, 238.

Stresemann, Erwin.

Which paradise birds are of hybrid origin? (rev.), '31, 307.

Notes on the systematics and distribution of some swifts (Collocalia) of Malaysia and adjacent subregions (rev.), '32, 506.

The formenkreis-theory, '36, 150–158. A nominal list of the birds of Celebes (rev.), '36, 362.

Vögel vom Monte Iliniza (Central Ecuador) (rev.), '37, 569.

Ein neuer Fund von Neodrepanis hypoxantha Salom. (rev.), '38, 156.

Kritische Studien über die Gattung Batrachostomus (rev.), '38, 309.

Ueber einige seltene Vögel aus Ecuador II (rev.), '39, 108.

Spizaetus alboniger (Blyth) und Spizaetus nanus Wallace zwei fälschlich vereinigte Arten (rev.), '39, 108.

Vorläufiges über die ornithologischen Ergebnisse der Expedition Heinrich 1930–1932 (rev.), '39, 360.

Anthus hoeschi species nova, ein neuer Pieper aus Südwest-Afrika (rev.), '39, 360.

Zur Systematik der Gattung Centropus (rev.), '39, 360.

Proceedings of the Eighth International Ornithological Congress (rev.), '40, 121–122.

Die Vögel von Celebes (rev.), '40, 132, 439.

Zwei neue Rassen aus Süd-Tibet und Nord-Sikkim (rev.), '40, 276.

Stresemann, E., and **de Schauensee**, R. M.

Notes on some south Asiatic species of the genus Cyornis (rev.), '36, 471.

Stresemann, E., and **Heinrich**, G.

Die Vögel des Mount Victoria. Ein Beitrag zur Ornithologie von Burma (rev.), '40, 439.

Stresemann, E., and **Heinroth**, O.

see Heinroth and Stresemann.

Stresemann, E., **Meise**, W., and **Schönwetter**, M.

Aves Beickianae. Beiträge zur Ornithologie von Nordwest-Kansu nach den Forschungen von Walter Beick in den Jahren 1926–1933 (rev.), '37, 569, '38, 698.

stresemanni (Buccanodon), see Buccanodon.

— (Emberiza), see Emberiza.

— (Paradoxornis), see Paradoxornis.

— (Picus), see Picus.

— (Sericornis), see Sericornis.

— (Turdus), see Turdus.

striata (Dendroica), see Dendroica.

— (Geopelia), see Geopelia.

— (Motacilla), see Motacilla.

— (Muscicapa), see Dendroica.

— (Muscicapa), see M. griseola.

— (Sicalis), see Sicalis.

— (Sterna), see Sterna.

— (Tanagra), see Tanagra.

striaticiceps (Arremonops), see Arremonops.

striaticollis (Phacellodomus), see Phacellodomus.

striatipecta (Cactospiza), see Cactospiza.

striatipectus (Cyanerpes), see Cyanerpes.

striatulus (Astur), see Astur.

striatus (Accipiter), see A. velox.

— (Colius), see Colius.

— (Dendrortyx), see Dendrortyx.

— (Rallus), see Rallus.

stricklandi (Dryobates), see Dryobates.

— (Loxia), see Loxia.

strigatus (Chondestes), see Chondestes.

Striges, *Germ.* '39, 345; *Russ.* '36, 106.—*ost.* '35, 360.

Strigidae, *ear*, '40, 434; *eye*, '38, 239; *ost.* '35, 415; *tax.* '38, 179.

Strigiformes, *eye*, '38, 230, 239, 241; *hbt.* '40, 176; *incub.* '40, 59; *paras.* '37, 506;

tax. '40, 581; *misc.* '37, 42.

strigilatus (Pyrocephalus), see Pyrocephalus.

Striginae, *tax.* '38, 179, 181.

Strigops, *tax.* '38, 179.

striolatus (Anthus), see Anthus.

Strix, *tax.* '38, 179.

albescens, *Que.* '32, 129.

alleni (Florida Barred Owl, Southern Barred Owl, Georgian Owl, ^bgeorgica), *Ga.* '33, 106^b; *La.* '34, 236; *S. C.* '36, 312.—*foot*, '36, 51^b; *nomen*, '33, 106^b.

aluco (*Tawny Owl, Wood Owl,

- ^bSyrnium, ^cChat-huant, ^bChouette hultotte, *Germ.* '38, 150.—*ear.* '38, 182, 186; *fd.* '34, 258, 417^b; *hbt.* '38, 150–151, 155^a; *nomen.* '40, 80^a; *syst.* '34, 276; *misc.* '38, 180, '40, 591^d.
- bartelsi*, *foot.* '36, 55.
brea, *fos.* '33, 382.
brunnescens, *Minn.* '32, 129.
butleri, *Palestine.* '32, 265.
chacoensis (^bNyctale fasciata), *dist.* '35, 451; *syn.* '33, 435^b; *tax.* '33, 435.
fulvescens, *ear.* '38, 182, 186; *plm.* '37, 304.
hylophila (^bCiccaba), *ear.* '38, 182, 186; *tax.* '33, 435^b, '38, 181^b, 182, 183.
indranee, *plm.* '37, 305.
laotiana, *plm.* '37, 305.
leptogrammica, *foot.* '36, 56.
maingayi, *Malacca.* '37, 305.—*foot.* '36, 55.
momiyamae, *Jap.* '31, 642.
newarense, *foot.* '36, 55; *plm.* '37, 305.
occidentalis (California Spotted Owl), *ear.* '38, 182.
ocellata, (^aMottled Wood Owl), *India.* '37, 420^a—*fd.* '37, 420^a.
rileyi, *Siam.* '37, 305^a.—*descr.*, *fd.*, *meas.*, *wt.*, '37, 305.
sanborni, *Chile.* '39, 361.
sartorii, *Mex.* '37, 193.
shanensis, *Indo-China.* '36, 247.—*plm.* '37, 305.
siberiae, *Sib.* '34, 276.
ticehursti (^borientalis), *nomen.* '31, 317, 317^b; *plm.* '37, 305.
uralense, *misc.* '38, 180, '39, 499.
varia (^aNorthern Barred Owl, Barred Owl, ^bSyrnium varium), *Acadia.* '39, 289^a, '40, 80^a; *Ark.* '31, 237; *D. C.* '39, 496^a; *Ia.* '38, 301^a; *Kans.* '39, 276–277^a; *Mass.* '40, 253; *Mich.* '38, 190–196; *N. Y.* '38, 280^a; *O.* '34, 229^b; *S. C.* '34, 537; *Va.* '40, 262^a.—*ear.* '38, 182; *flight.* '38, 196; *fd.* '38, 191, 195, 301^a; *foot.* '36, 51, 55, 56; *hbt.* '36, 127^a, '38, 195, '39, 289^a, 290^a; *nest.* '34, 229^b, '40, 593^a; *note.* '40, 253; *pellets.* '38, 190–195; *wt.* '38, 516; *wing area.* '38, 516; *misc.* '37, 180^a, '39, 94^a, '40, 252^a, 253.
- Strong**, Reuben Myron.
 Correspondence: [Bibliography of the literature of bird anatomy], '31, 319, '36, 260.
 A bibliography of birds with special reference to anatomy . . . and related subjects (rev.), '40, 264–265.
- struebellii* (Micropus), see *Micropus*.
- Struthers**, Parke Hardy.
 [Notice of Syracuse Andean expedition], '31, 331.
- struthersi* (Ibidorhyncha), see *Ibidorhyncha*.
- Struthio** (^aOstrich), *China.* '37, 560^a.—*fos. egg.* '37, 560^a.
anderssoni, *China, fos.*, '32, 382, '38, 580.
australis (^aOstrich), *Rhodesia.* '37, 412^a.—*egg, incub.* '40, 45–53^a.
camelus (African Ostrich), *anat.* '37, 228.
mongolicus, *China, fos.*, '32, 382.
wimani, *China, fos.*, '32, 382.
- Struthiolithus chersonensis**, *egg.* '40, 59.
- Struthionides**, *tax.* '35, 347, '40, 121.
- Struthionidae**, *Afr.* '38, 681.
- Struthioniformes**, *misc.* '37, 506.
- Stubbs**, Arthur Percival, 1865–1932.
Obituary. '34, 566, '35, 67.
- Stülcken**, Karl, and Brüll, H.
 Vom Nestleben der Nachtschwalbe (*Caprimulgus e. europaeus*) (rev.), '38, 582.
- Stupka**, Arthur.
 Red crossbill breeding in the Great Smoky Mountains National Park, '38, 675.
 Additional notes on pine siskins in the Great Smoky Mountains National Park (rev.), '39, 207.
- Sturge**, Lilian Heaven (Mrs. Edgar Sturge), 1876–1930.
Obituary. '32, 70, 148.
- Sturnella alticola**, *descr., meas.*, '34, 42–45.
- argutula* (^aSouthern Meadowlark), *Fla.* '36, 319^a, 479^a; *La.* '40, 90; *N. C.* '37, 459; *S. C.* '34, 537, '36, 314.—*band.* '40, 90; *hbt.* '36, 479^a; *misc.* '36, 414.
- auropectoralis* (Jaliscoan Meadowlark), *Mex.* '34, 42^a.—*descr., meas.*, '34, 42–44.
- hippocrepis* (^aCuban Meadowlark), *Cuba.* '36, 437^a.
- hoopesi* (Rio Grande Meadowlark), *Tex.* '38, 134.
- lillianae*, *Ariz.* '31, 295.—*descr., meas.*, '34, 42–45.
- magna* (^aEastern Meadowlark, Meadowlark), *Ark.* '31, 238; *G. Br.* '38, 560^a; *Ind.* '34, 538^a; *Mo.* '34, 538^a; *N. H.* '32, 226^a, '34, 392; *N. C.* '32, 363; *O.* '31, 371, '37, 397^a, '38, 545^a; *Ont.* '39, 18; *Que.* '31, 243^a; *S. C.* '36, 314; *Va.* '35, 470.—*behav.* '38, 698^a; *flight.* '33, 316^a, 452^a; *hyb.* '36, 414; *song.* '34, 506, '35, 40–52^a, '38, 264^a, 267^a; *wt.* '31, 574, '38, 516; *wing area.* '38, 516; *misc.* '36, 88^a, '38, 564^a.
- mexicana*, *meas.* '34, 44; *misc.* '34, 42–45.
- neglecta* (^aWestern Meadowlark),

- Calif.* '31, 30, '34, 538^a; '35, 429, 430; *Colo.* '34, 538^a; *Ia.* '39, 36; *Mex.* '35, 256; *Mich.* '31, 606, '39, 99^a; *Minn.* '37, 220^a; *Nebr.* '38, 48; *O.* '31, 431, '33, 235, '38, 544-545; *Tex.* '38, 134; *Utah.* '38, 300^a.—*behav.* '38, 544-545; *cowbird host*, '38, 46, 48; *dist.* '35, 429; *fd.* '32, 378; *hyb.* '36, 414; *mig.* '31, 30; *myol.* '38, 642; *song*, '38, 267^a; *misc.* '35, 360.
- Sturnia nemoricola*** (*White-winged Starling), *Siam*, '37, 407^a.
- Sturnidae***, *Afr.* '40, 321.—*behav.* '40, 520; *eye*, '38, 240; *hbt.* '40, 177; *song*, '38, 264, 267; *tax.* '38, 694; *misc.* '36, 117, '38, 101.
- Sturnus vulgaris*** (*Starling, European Starling), *Afr.* '38, 145^a; *Ala.* '33, 369; *Alla.* '36, 114; *Ark.* '35, 191, '38, 285, 674, '39, 477; *Australia.* '31, 314^a, '37, 565^a; *Conn.* '37, 209; *D. C.* '36, 449, '37, 210, 542, '38, 98-99^a, 540; *Engl.* '38, 697^a; *Finl.* '38, 578^a; *Fla.* '32, 486, '34, 97, 400, '35, 198; *Ga.* '35, 313; *Germ.* '37, 222^a, 419^a, '38, 152^a; *Holl.* '38, 583^a; *Ill.* '33, 372, '37, 50-53, '38, 48, '39, 451-455; *Ia.* '34, 525; *Jerusalem.* '33, 181; *Kans.* '34, 383, 534, '40, 133^a; *La.* '34, 399, '36, 338-339, '40, 90, 408, 410^a; *Me.* '33, 125, '37, 542; *Man.* '40, 431; *Md.* '38, 48; *Mass.* '33, 355, 363^a, '36, 225-226^a, '37, 210, 233; *Mich.* '37, 542, '39, 99^a; *Mont.* '40, 287^a; *Nebr.* '33, 221, '38, 693^a; *Nev.* '40, 287^a; *N. B.* '36, 87, 93-94, '37, 542; *N. H.* '35, 93; *N. J.* '37, 209, 542, '39, 479; *N. M.* '39, 477-478, '40, 269^a; *N. Y.* '35, 312, '37, 209, '39, 478-479; *N. Z.* '34, 492; *N. S.* '37, 38; *O.* '31, 376, 377^a, '33, 317, '35, 91, '36, 452^a, '37, 209, 210, 222^a, 326, '39, 452^a; *Okla.* '33, 373; *Ont.* '31, 605, '32, 225, '36, 87-88, 244^a, '37, 210, 227-228^a, '38, 308, '39, 15^a, 16^a, 18, 108^a; *Pa.* '37, 209, '38, 304^a; *P. E. I.* '34, 89, '36, 93; *Que.* '31, 605, '34, 88, '35, 313, '37, 210, 542, '39, 353; *R. I.* '37, 210; *S. C.* '32, 354, '36, 314, 315^a; *Spain.* '37, 109; *Tex.* '33, 373, 440, '38, 691^a; *Utah.* '40, 287^a; *Vi.* '37, 210; *Va.* '33, 196, '36, 273^a; *Wales.* '37, 51^a; *W. Va.* '33, 211^a.—*alb.* '36, 449; *anat.* '38, 31-50; *band.* '34, 123^a, '37, 209, 222^a, 542, '40, 90; *behav.* '40, 433^a, 434^a; *blood.* '37, 517; *census.* '39, 478-479; *courtship.* '39, 269; *cowbird host.* '38, 48; *destr.* '39, 451-455; *ecol.* '38, 577^a, '40, 341-342^a; *egg.* '40, 340^a; *enemies.* '37, 228; *flight.* '33, 316^a; 452^a, '38, 147^a; *fd.* '36, 88, 338-339, '37, 50, '38, 417-418^a, '40, 128, 336-338, 408; *hbt.* '35, 91, 93, 312, '36, 87-88, 363^a, '37, 50, 303^a, '38, 98-99^a, 101, 102^a, 104^a, '40, 323; *hearing.* '39, 353^a, '40, 125^a, 434^a; *mig.* '37, 209-210, 222^a, 542, '38, 433^a, 583^a; *mimic.* '37, 564^a, '40, 269^a; *nest.* '32, 354, '34, 97, '35, 312, 313, '40, 334-347^a; *nid.* '39, 353, 477; *paras.* '37, 50-53, '39, 353; *physiol.* '40, 485^a, 486^a, 497-498; *pl.* '38, 530; *song.* '33, 363^a, '35, 40-52^a, '38, 267^a; *wt.* '37, 326, 328^a, '38, 422^a, 431^a, 440, 441, 448^a, 515; *wing area.* '38, 515; *misc.* '31, 542^a, 544^a, '33, 125, 211^a, 355, '34, 553^a, '35, 482^a, 486^a, '36, 123^a, 249^a, 250^a, 365^a, 474^a, 476^a, '37, 43, '38, 110^a, 465^a, '39, 272, 458^a, 496, 497^a, '40, 252^a, 262^a, 293^a.
- stygia* (Lonchura), see Lonchura.
- stygius* (Asio), see Asio.
- (Nyctalops), see Asio.
- suahelicum* (Syrnium), see *Ciccaba nigricantius*.
- subaesalon* (Falco), see Falco.
- subaffinis* (Ortalis), see Ortalis.
- subalaris* (Puffinus), see Puffinus.
- (Turdus), see Turdus.
- subarcticus* (Bubo), see Bubo.
- subuteo* (Falco), see Falco.
- (Hypotriorchis), see Falco.
- subcaeruleus* (Sitta), see Sitta.
- subcalcaratus* (Calcarius), see Calcarius.
- subcervinus* (Celeus), see Celeus.
- subconnectens* (Garrulax), see Garrulax.
- subflava* (Estrilda), see Estrilda.
- subflavescens* (Cyclarhis), see Cyclarhis.
- subis* (Progne), see Progne.
- subnivalis* (Plectrophenax), see Plectrophenax.
- subruficollis* (Tryngites), see Tryngites.
- subsimilis* (Hylophylax), see Hylophylax.
- subsolanus* (Rhinomyias), see Rhinomyias.
- subtectus* (Notharchus), see Notharchus.
- subtilis* (Buteogallus), see Buteogallus.
- (Empidonax), see Empidonax.
- subtorridus* (Conopophaga), see Conopophaga.
- subulirostris* (Tachyphonus), see Tachyphonus.
- subvespera* (Aimophila), see Aimophila.
- subvirgata* (Ammodramus), see Ammodramus.
- suckleyi* (Falco), see Falco.
- suecica* (Cyanosylvia), see Cyanosylvia.
- (Luscinia), see Cyanosylvia.
- Sugden, John William.**
- Incubation period of the killdeer, '32, 81.
- Sanctuaries of the bird islands of Great Salt Lake, '36, 288-294.
- The status of the sandhill crane in Utah and southern Idaho (rev.), '38, 582.
- Sugden, John William, Sr., 1867-1935.**

- Obituary, '37, 126, '40, 448.
 suinda (Ciccaba), see *C. borelliana*.
 suindus (Asio), see *Asio*.
 suknensis (Eremialector), see *Eremialector*.
Sula albiceps, *Mex.* '39, 208.
 avita, *Md., fos.*, '38, 583.
 brewsteri (Brewster's Booby), *Mex.* '35, 251.
 dactylatra (Atlantic Blue-faced Booby), *Tex.* '32, 106, '33, 92.—*colors*, '33, 92; *meas.* '33, 92.
 granti (Masked Booby), *misc.* '37, 148.
 leucogaster (*White-bellied Booby, Brown Booby), *Bah. I.* '38, 52; *Fla.* '36, 100^a; *P. R.* '32, 341; *V. I.* '38, 553; *W. I.* '32, 108.—*behav.* '40, 172, 177; *tax.* '40, 133.
 nebouri (Blue-footed Booby), *misc.* '37, 148.
 nicolli, *Indian O.* '33, 255.
 piscator (Red-footed Booby, ^bsula), *V. I.* '38, 553^b; *W. I.* '36, 100.—*type loc.* '33, 383^b.
 sulcirostris (Crotophaga), see *Crotophaga*.
Sullivan, Maurice.
 Ivory gull from Mount Desert Island, Maine, '40, 403.
 Dickcissel at Bar Harbor, Maine, '40, 575.
 sulphuratus (Pitangus), see *Pitangus*.
 sulphurea (Gerygone), see *Gerygone*.
Sumatra.
 Boden, K. C., '33, 139–140 (rev.).
 De Schauensee, R. M., and Ripley, S. D., '40, 588 (rev.).
 sumichrasti (Passerina), see *Cyanocompsa indigotica*.
Sumner, Eustace Lowell, Jr.
 The growth of some young raptorial birds (rev.), '34, 116.
 The behavior of some young raptorial birds (rev.), '35, 343.
 A life history study of the California quail (rev.), '36, 358–359.
 Longevity in raptorial birds as indicated by banding records (rev.), '40, 276.
Sumner, Eustace Lowell, Sr., and Linsdale, J. M.
 see Linsdale and Sumner.
Sumner, Francis Bertody.
 Genetic, distributional, and evolutionary studies of the distribution of deer mice (*Peromyscus*) (rev.), '32, 383.
 Taxonomic distinctions viewed in the light of genetics (rev.), '34, 548.
 Does "protective coloration" protect? (rev.), '36, 112–113.
 Studies of protective color change (rev.), '36, 112–113.
 Evidence for the protective value of changeable coloration in fishes (rev.), '36, 112–113.
 Sunbeam, see *Aglaeactis cupreipennis*.
 Sunbird, Amethyst, see *Chalcomitra amethystina*.
 Buff-throated, see *Chalcomitra adalberti*.
 Chinese, see *Aethopyga christinae*.
 Nile Valley, see *Nectarinia metallica*.
 Yellow-headed, see *Cyrtostomus jugularis*.
 sunia (Otus), see *Otus*.
Suomalainen, Heikki.
 The effect of temperature on the sexual activity of non-migratory birds, stimulated by artificial lighting (rev.), '38, 698.
 superba (Lophorina), see *Lophorina*.
 — (Richmondia), see *Richmondia*.
 superbis (Painterius), see *Painterius*.
 — (Spreo), see *Painterius*.
 supercilialis (Ciccaba), see *Ciccaba*.
 — (Leistes), see *Leistes*.
 — (Mecocerculus), see *Mecocerculus*.
 — (Penelope), see *Penelope*.
 — (Polioptila), see *P. bilineata*.
 superciliosa (Anas), see *Anas*.
 — (Cyanocitta), see *Cyanocitta*.
 — (Plagiospiza), see *Plagiospiza*.
 — (Vermivora), see *V. mexicana*.
 superciliosus (Accipiter), see *Accipiter*.
 — (Anomalophrys), see *Anomalophrys*.
 — (Centropus), see *Centropus*.
 — (Orthocrypturus), see *Orthocrypturus*.
 — (Phaethornis), see *Phaethornis*.
 suprapallidus (Nannus), see *Nannus*.
 — (Troglodytes), see *Nannus*.
 surdus (Anthoscenus), see *Anthoscenus*.
 Surf-bird, see *Aphriza virgata*.
Suricata marjoriae, *Kalahari*, '36, 131.—*descr.* '36, 131.
 surinamensis (Chlidonias), see *Chlidonias*.
 — (Hydrochelidon), see *Chlidonias*.
Surnia, *tax.* '38, 180.
 caparoch (*American Hawk Owl, Hawk Owl), *Conn.* '34, 521; *Mass.* '34, 521; *N. Y.* '38, 280^a.
 orokensis, *Sib.* '31, 643.
 ulula (European Hawk Owl), *fd.* '34, 258.
 suschkiniana (Emberiza), see *Emberiza*.
Sushkin, Peter Petrovich, 1868–1928.
 Biography, bibliography, por. (rev.), '31, 297.
 sushkini (Leucosticte), see *Leucosticte*.

sussurans (*Passerherbulus*), see *Passerherbulus*.

Suthard, James Gregory.

Double-crested cormorant in the Chicago area, '31, 593.

Suthora, Tibet, '40, 434.

albifacies, China, '38, 568.

Sutton, George Miksch.

The blue goose and lesser snow goose on Southampton Island, Hudson Bay, '31, 335-364.

A year at Southampton Island (rev.), '31, 461.

Notes on the molts and sequence of plumages in the old-squaw, '32, 42-51.

Deposition of eggs in time of snow-storm, '32, 366-367.

The birds of Southampton Island (rev.), '32, 498-499.

A new Bewick's wren from the western panhandle of Oklahoma, '34, 217-220.

Little blue heron and American egret in the West Virginia panhandle, '34, 226.

Hudsonian curlew in the West Virginia panhandle, '34, 231.

Note on the breeding range of the black pigeon hawk, '35, 79-80.

Eskimo year (rev.), '35, 109-110.

A new blue jay from the western border of the Great Basin, '35, 176-177.

Notes on the birds of the western panhandle of Oklahoma (rev.), '35, 214-215.

An abnormally plumaged cardinal, '35, 314-315.

Food capturing tactics of the least bittern, '36, 74-75.

The turkey vulture's ability to carry food in its beak, '36, 76.

Palm warbler in the northern panhandle of West Virginia. A correction, '36, 89.

Connecticut warbler in the northern West Virginia panhandle, '36, 90.

Blue grosbeak in the northern panhandle of West Virginia, '36, 90-91.

White-winged crossbill on Baffin Island, '36, 91.

The juvenal plumage and postjuvenal moult in several species of Michigan sparrows (rev.), '36, 110-111.

Notes from Ellis and Cimarron counties, Oklahoma, '36, 432-435.

Man-o'-war-bird in Oklahoma, '36, 438.

Lincoln's sparrow and lark sparrow in the northern West Virginia panhandle, '36, 453-454.

Birds in the wilderness (rev.), '36, 461.

Oddly plumaged orioles from western Oklahoma, '38, 1-6.

The juvenal plumage and postjuvenal moult of the chipping sparrow (rev.), '38, 156.

Glaucous-winged gull in Oklahoma, '38, 277-278.

An unfortunate pine warbler, '38, 282. Some findings of the Semple Oklahoma Expedition, '38, 501-508.

The breeding birds of Tarrant County, Texas (rev.), '39, 108.

Parasitic jaeger on Cayuga Lake, New York, '39, 185-186.

The Mississippi kite in spring (rev.), '39, 500.

Black-capped petrel in New York, '40, 244.

Black gyrfalcon in New York State, '40, 401.

Winter range of the short-billed marsh wren, '40, 419.

Sutton, G. M., and Arnold, J. R.

An abnormal blue jay primary, '38, 281-282.

Sutton, G. M., and Burleigh, T. D.

A new blue bunting from Tamaulipas, '39, 71-72.

A new screech owl from Nuevo Leon, '39, 174-175.

A list of birds observed on the 1938 Semple Expedition to northeastern Mexico (rev.), '39, 500.

Birds of Las Vigas, Vera Cruz, '40, 234-243.

A new warbling vireo from Hidalgo, '40, 398-400.

A new tufted flycatcher from Hidalgo (rev.), '40, 439.

Sutton, G. M., and Semple, J. B.

see Semple and Sutton.

Sutton, G. M., and Taverner, P. A.

see Taverner and Sutton.

Sutton, G. M., and Van Tyne, J.

A new red-tailed hawk from Texas (rev.), '36, 117.

suttoni (*Accipiter*), see *Accipiter*.

suzukii (*Rallina*), see *Rallina*.

svecica (*Luscinia*), see *Cyanosylvia suecica*.

Svihla, Arthur.

The fishing plunge of the brown pelican, '31, 413.

An abnormally colored western evening grosbeak, '33, 224-225.

Swaen, A. E.

"Voyage et Aventures de François Leguat & de ses Compagnons" (rev.), '40, 439.

swainsoni (*Buteo*), see *Buteo*.

— (*Hylocichla*), see *Hylocichla*.

- (Limnotheryx), see Limnotheryx.
 — (Myiarchus), see Myiarchus.
 — (Polytelis), see Polytelis.
 — (Ramphastos), see Ramphastos.
 — (Vireo), see Vireo.
 — (Vireosylva), see Vireo.
Swales, Bradshaw Hall, 1875–1928, and **Wetmore**, A.
 see Wetmore and Swales.
Swallow, Bank, see *Riparia riparia*.
 Barn, see *Hirundo erythrogaster*.
 Chinese Bank, see *Riparia chinensis*.
 Cliff, see *Petrochelidon albifrons* and *P. melanogaster*.
 Common, see *Hirundo rustica*.
 Cuban Cliff, see *Petrochelidon cavicola*.
 Eastern Cliff, see *Petrochelidon albifrons*.
 European, see *Hirundo rustica*.
 Lesser Cliff, see *Petrochelidon tachina*.
 Mexican Cliff, see *Petrochelidon melanogaster*.
 Mexican Violet-green, see *Tachycineta mexicana*.
 Northern Cliff, see *Petrochelidon albifrons*.
 Northern Violet-green, see *Tachycineta lepida*.
 Oriental, see *Hirundo savignii*.
 Red-rumped, see *Hirundo rufula*.
 Rough-winged, see *Stelgidopteryx serripennis*.
 Siberian Bank, see *Riparia ijimae*.
 Tree, see *Iridoprocne bicolor*.
 Violet-green, see *Tachycineta lepida*.
 West Indian Cliff, see *Petrochelidon fulva*.
Swallow-plover, Eastern, see *Glaucolaima maldivarum*.
Swallow-shrike, White-bellied, see *Artamus leucorhynchus*.
Swamp-hen, Eastern, see *Porphyrio melanotus*.
Swan, see *Cygnus columbianus*.
 Bewick's, see *Cygnus bewicki*.
 David's, see *Cygnus davidi*.
 Mute, see *Sthenelides olor*.
 Trumpeter, see *Cygnus buccinator*.
 Whistling, see *Cygnus columbianus*.
 Whooper, see *Cygnus cygnus*.
Swann, Harry Kirke, and **Wetmore**, A.
 A monograph of the birds of prey (Order Accipitres) (rev.), part X, '32, 251; part XI, '33, 378; part XII, '35, 112; part XIII, '36, 236.
Swanson, Gustav.
 Ring-necked duck nesting in Maine, '37, 382–383.
Swarth, Harry Schelwald, 1878–1935.
 The avifauna of the Galapagos Islands (rev.), '31, 624–625.

- Geographic variation in the Richardson grouse (rev.), '31, 644.
 [Obituary of] George Frean Morcom, '32, 519–520.
 [Personal notice], '33, 468.
 The ten-year index to 'The Auk', '34, 126–128.
 Birds of Nunivak Island, Alaska (rev.), '34, 412–413.
 The bird fauna of the Galapagos Islands in relation to species formation (rev.), '34, 419.
 Ten year index to the Auk, vols. XX XVIII–XLVII, 1921–1930 (rev.), '34, 542–543.
 Injury-feigning in nesting birds, '35, 352–354.
 Systematic status of some northwestern birds (rev.), '35, 481.
 Obituary, '36, 68, 128.
 In memoriam, '37, 127–134, por.
 swarthi (*Myiodynastes*), see *Myiodynastes*.
Sweden.
 Murray, A. R., '39, 358 (rev.).
 Tucker, B. W., '40, 276 (rev.).
Swenk, Myron Harmon.
 The food habits of the ring-necked pheasant in central Nebraska (rev.), '31, 151, 307.
 [Obituary of] Robert Henry Wolcott, '35, 130–131.
 Bird mortality in the 1936 Nebraska grasshopper poisoning campaign (rev.), '37, 111.
 A study of the distribution and migration of the great horned owls in the Missouri Valley region (rev.), '38, 309.
 A slaughter of Swainson's hawks in Merrick County (rev.), '39, 360.
 Distribution and migration of the chat in Nebraska and other Missouri Valley states (rev.), '40, 594.
Swetosarov, E., and **Streich**, G.
 see Streich and Swetosarov.
Swift, Alpine, see *Apus melba*.
 Bengal Palm, see *Cypsiurus batassien-sis*.
 Black, see *Nephoecetes niger* and *N. borealis*.
 Chimney, see *Chaetura pelagica*.
 Common European, see *Apus apus*.
 Fork-tailed, see *Micropus pacificus*.
 Indian Crested, see *Hemiprocne coronata*.
 Lesser Antillean, see *Chaetura acuta*.
 Mexican Collared, see *Streptoprocne mexicana*.
 Short-tailed, see *Chaetura brachyura*.
 Vaux's, see *Chaetura vauxi*.

- White-bellied, see *Apus melba*.
 White-throated, see *Aëronautas saxatilis*.
swinhoi (*Chlidonias*), see *Chlidonias*.
Switzerland.
 Bloesch, M., '39, 200 (rev.).
 Burg, G. von, and Knopfli, W., '31, 145 (rev.).
 Chavigny, J. de, '40, 125 (rev.).
 Corti, U. A., '38, 570 (rev.), '40, 270 (rev.), 431 (rev.).
 Géroutet, P., '37, 220 (rev.), '40, 432 (rev.).
 Knopfli, W., '40, 585 (rev.).
 Lang, E. M., '40, 273 (rev.).
 Masarey, A., and Sutter, E., '39, 497 (rev.).
 Noll, H., '37, 224-225 (rev.).
 Poncy, R., '39, 498 (rev.).
 Schinz, Julie, '39, 206 (rev.).
 Troller, J., '37, 422 (rev.).
 Vogelwarte, S., '39, 500 (rev.).
Swynnerton, Charles Francis Massy, 1877-1938.
 Obituary, '39, 122.
sylvestris (*Eumomota*), see *Eumomota*.
Sylvia, *hbt.* '37, 250; *misc.* '36, 476.
 atricapilla (*Black-cap), *Afr.* '38, 576^a; *Germ.* '37, 560^a.—*breathing frequency*, '38, 584^a; *fd.* '32, 365, '40, 520; *hbt.* '37, 225^a, 560-561^a.
 borin (Garden Warbler), *behav.* '40, 39; *fd.* '40, 520.
 cantillans, *tax.* '39, 498.
 communis (Whitethroat), *Helg.* '37, 422.—*fd.* '40, 520; *rates*, '38, 571; *wt.* '38, 431.
 curruca, *misc.* '40, 39.
 dartfordiensis (*Dartford Warbler), *hbt.* '34, 120^a.
 hortensis (*Garden Warbler), *hbt.* '37, 568^a.
 hoyeri, *Pol.* '38, 571.
 kroesmeri, *Pol.* '38, 571.
 moltonii, *tax.* '39, 498.
 nisoria, *hbt.* '39, 207.
 ruppelli (Rupell's Warbler), *Crete*, '34, 423.
 theresae, *Sind.* '38, 305.
 tingitana (*maroccana), *Marocco*, '32, 511.—*nomen.* '32, 511^b.
sylvia (*Cisticola*), see *Cisticola*.
sylvicola (*Sarkidiornis*), see *Sarkidiornis*.
Sylvietta brachyura, *tax.* '40, 591.
Sylviidae, *Afr.* '38, 681, '40, 320.—*eye*, '38, 240; *hbt.* '40, 177; *incub.* '40, 322, 323; *tax.* '39, 91; *misc.* '36, 167, '39, 196, 209.
sylviolus (*Leptotriccus*), see *Leptotriccus*.
Syma brevirostris, *N. Guinea*, '38, 697.
Symplectes analogus, *W. Afr.* '33, 142.

- Synallaxis cherriei* (*brufogularis*), *tax.* '31, 149, 149^b, '35, 213.
erythrothorax (Rufous-breasted Spine-tail), *misc.* '35, 267.
hypoleucus, *Pan.* '33, 304.
jaraguana, *Braz.* '36, 356.
napoensis, *Ecuad.* '31, 149.
nigrifumosa, *Pan.* '39, 307.
rutilans, *tax.* '31, 149.
spixi (Spix's Spine-tail), *Argent.* '31, 54.—*hbt.* '31, 52-54.
Syndactyla, *Peru*, '35, 480.
Synoicus australis (Brown Quail), *N. Z.* '34, 491.
Synthliboramphus antiquus (*Ancient Murrelet), *Ore.* '33, 216^a.—*misc.* '39, 152^a, 167.
Syrmaticus, *Jap.* '39, 347.
 reevesi (*Reeves's Pheasant), *plm.* '38, 147^a.
 scintillans (*Glittering Copper Pheasant, *Graphiphasianus*), *Jap.* '37, 108^b.—*misc.* '36, 475^a.
Syrniinae, *tax.* '38, 179, 181.
Syrnium, *tax.* '38, 181.
Syrnhaptes paradoxus, *mig.* '35, 350.
szechenyii (Tetraophasis), see *Tetraophasis*.

T

- Taber**, Wendell.
 Western grebe in Massachusetts, '39, 180.
 The scream of the northern barred owl, '40, 253.
tabida (*Grus*), see *Grus*.
Taber, (Miss) Ava Rogers.
 Bullock's oriole in Thibodaux, Louisiana, '40, 257.
tachina (*Petrochelidon*), see *Petrochelidon*.
Tachycineta, *ost.* '35, 360.
 brachyptera, *L. C.* '32, 482.
 lepida (*Northern Violet-green Swallow, Violet-green Swallow), *Aris.* '39, 323; *L. C.* '32, 482; *Mex.* '35, 424^a.—*misc.* '36, 119^a, '40, 128^a.
 mexicana (Mexican Violet-green Swallow, *thalassina*), *Mex.* '40, 237^b, 239.
Tachyeres, *dist.* '36, 235; *tax.* '36, 235.
 brachyptera (Steamer Duck), *tax.* '34, 555.
Tachyphonus rubrirostris, *nomen.* '36, 109.
 rufus (Greater White-shouldered Tanager), *C. R.* '33, 300; *Trin.* '38, 44.—*cowbird host*, '38, 41-44.
 subulirostris, *Bahia*, '36, 109.
Tacitathena, *tax.* '38, 181, 182.

- Tadorna tadorna** (*Sheld-Duck), *Scott*. '40, 584^a.—*hbt.* '40, 584^a; *misc.* '31, 641, '33, 464, '36, 253^a, '38, 690^a.
tadornoides (Casarca), see Casarca.
taeniata (Dubusia), see Dubusia.
Taenioptera irupero (Viudita), *Argent.* '31, 55.—*hbt.* '31, 55.
Taeniopygia castanotis (*Chestnut-eared Finch, Zebra Finch), *Australia*, '38, 146^a, '39, 102^a.—*nest.* '39, 102^a.
tahanensis (Mesia), see Mesia.
taitensis (Urodynamis), see Urodynamis.
Taka-Tsukasa, Prince.
 The birds of Nippon (rev.), vol. 1, pt. 1, '33, 244; pt. 2, '33, 455; pt. 3, '34, 410; pt. 4, '35, 212; pt. 5, '36, 356; pt. 7, '39, 347.
Taka-Tsukasa, Prince, et al.
 Birds of Jehol (rev.), '35, 476.
Talegalla occidentis, *N. Guinea*, '39, 208.
tamaulipensis (Ciccaba), see Ciccaba.
 — (*Icterus*), see *Icterus*.
tamboensis (Columba), see Columba.
Tanager, Ant, see *Eucometis cristata*.
Archbishop, see *Thraupis ornata*.
 Blue, see *Thraupis diaconus* and *T. sayaca*.
 Brazilian Scarlet, see *Ramphocelus brazilius*.
 Cooper's, see *Piranga cooperi*.
 Dusky-tailed Ant, see *Habia fuscicauda*.
 Eastern Hepatic, see *Piranga dextra*.
 Greater White-shouldered, see *Tachyphonus rufus*.
 Griscom's, see *Piranga candida*.
 Hepatic, see *Piranga hepatica*.
 Large-billed, see *Ramphocelus magnirostris*.
 Louisiana, see *Piranga ludoviciana*.
 Red-throated Blue, see *Euneornis campestris*.
 Saira Red, see *Piranga saira*.
 Scarlet, see *Piranga erythromelas*.
 Summer, see *Piranga rubra*.
 Trinidad, see *Thraupis sclateri*.
 Western, see *Piranga ludoviciana*.
 White-capped, see *Stephanophorus diadematus*.
Tanagra elegantissima (Blue-hooded Euphonia), *Mex.* '40, 236, 242.
esperanzae, *Mex.* '39, 100.
flavifrons (Lesser Antillean Euphonia), *Antigua*, '34, 364.
gracilis (^bEuphonia), *nomen.* '37, 213^b.
littoralis, *Bras.* '37, 562.
striata, *Argent.* '36, 483.
tancolo (Picus), see Picus.
tanganyikae (Poicephalus), see Poicephalus.

- Tangara**, *nomen.* '37, 212.
albirostris, *nomen.* '37, 213.
cabanisi, *Guat.* '39, 449; *Mex.* '39, 447, 449.—*meas.*, *plm.*, '39, 449–450.
cara, *Hond.* '36, 186.
eusticta, *C. R.* '32, 497.
imitans, *nomen.* '37, 213.
larvata, *tax.* '37, 212.
nigrocincta, *tax.* '37, 212.
Tangavius, *plm.* '37, 162.
aeneus (*Bronzed Cowbird, Red-eyed Cowbird, ^bmilleri), *Aris.* '40, 257; *Mex.* '38, 50^b.—*hosts.* '31, 65, '34, 117^a, '38, 50, '40, 257; *nomen.* '34, 548^b.
involutus (Red-eyed Cowbird, ^bPsarocolius, ^aaeneus), *Hond.* '38, 50; *Pan.* '33, 306; *Tex.* '35, 99, '40, 257.—*hosts.* '31, 65, '38, 50, '40, 257; *tax.* '34, 549^b.
tangutorum (Emberiza), see Emberiza.
Tanner, James Taylor.
 A melanistic black-capped chickadee, '34, 240.
 Arkansas kingbird at Cape May Point, N. J., '36, 448–449.
 Observations in Madison Parish, Louisiana, '39, 90.
tantala (Ortalis), see Ortalis.
Tanygnathus batchianensis, *Batchian*, '35, 350.
fuliginosus, *Sanghir*, '35, 350.
megalorhynchus, *hbt.* '38, 479.
moro, *Sulu*, '35, 211.
obiensis, *Obi*, '35, 350.
Tapera excellens, *C. R.*, *Ecuad.*, *Guat.*, *Mex.*, *Pan.*, '40, 543.—*meas.* '40, 543.
major, *Mex.* '40, 543^a; *Nic.*, *Sal.*, '40, 543.—*descr.*, *meas.*, '40, 543.
naevia, *paras.* '38, 138.
tapera (Phaeoprogne), see Phaeoprogne.
Taperinae, *syn.* '38, 138.
Taraba ablutus, *Parag.* '37, 406.
kriegi (Bolivian Large Ant-thrush), *Argent.* '31, 54, 138.—*hbt.* '31, 54.
major, *dist.* '37, 406.
virgultorum, *dist.* '37, 406.
tarda (Otis), see Otis.
targius (Eremialector), see Eremialector.
tarimensis (Nannus), see Nannus.
 — (*Troglodytes*), see Nannus.
Tarsiger alboceruleus, *China*, '37, 569.
Tasmania.
 Dove, H. S., '39, 354 (rev.).
Tasmanornis, *tax.* '37, 416.
 Tattler, Wandering, see *Heteroscelus incanus*.
Tatum, Joseph W.
 A late flock of swans at Perry Point, Md., '34, 367–368.
 Brown pelican in Delaware, '34, 508.

- Notes from Brigantine Beach, N. J., '36, 95.
- Tauraco** (*b*Turacus), *fledg.* '40, 318^b; *tax.* '36, 117^b.
- leucolophus** (*b*Heuglinornis), *tax.* '36, 117^b.
- livingstonii** (*b*Turacus), *tax.* '36, 117^b.
- persa** (*b*Turacus), *tax.* '36, 117^b.
- reichenowi** (*b*Turacus), *tax.* '36, 117^b.
- schalowi** (*b*Turacus), *tax.* '36, 117^b.
- zanzibarius** (*b*Turacus), *Zanzibar*, '38, 696^b.
- Taverner**, Percy Algernon.
- An albino Empidonax, '31, 603-604.
- A study of *Branta canadensis* (Linnaeus) the Canada goose (rev.), '31, 630-631.
- A new subspecies of willow ptarmigan and a new hybrid grouse (rev.), '32, 384.
- Purple martins gathering leaves, '33, 110-111.
- A partial study of the Canadian Savanna sparrows (rev.), '33, 250.
- A study of Kumlien's gull (rev.), '33, 381.
- The Madeira petrel in Ontario, '34, 77. [Discussion of English bird names], '34, 279-280.
- Birds of Canada (rev.), '35, 333, '39, 487-488.
- Taxonomic comments on red-tailed hawks (rev.), '36, 360.
- [Injury feigning by birds], '36, 366.
- Birds vs. poison sprays, '37, 200.
- Birds of the eastern Arctic (rev.), '37, 569.
- [Made member of Royal Society of Canada], '38, 587.
- An explanation of the local variations occurring in the great horned owls (rev.), '38, 698.
- Fieldfare, an addition to the American list, and some Arctic notes, '40, 119.
- The role of the predator (rev.), '40, 132.
- The red-winged blackbirds of the Canadian prairie provinces (rev.), '40, 276.
- Ivory gulls in the Gulf of St. Lawrence, '40, 402-403.
- Mourning dove in Newfoundland, '40, 415.
- Predators—human and wild (rev.), '40, 439.
- Canadian status of the long-tailed chickadee, '40, 536-541.
- Variation in the American goshawk (rev.), '40, 594.
- Taverner**, P. A., and **Sutton**, G. M.
- The birds of Churchill, Manitoba (rev.), '34, 544-545.
- taverneri** (*Spizella*), see *Spizella*.
- Tavistock**, Hastings William Sackville Russell, Marquess of.
- [Alleged excessive collecting], '34, 428-429.
- The breeding of the Tahiti blue lory (*Coriphilus peruvianus*) (rev.), '38, 582.
- The breeding of a hybrid Barraband x crimson-winged parakeet (rev.), '40, 276.
- Taxidermy**.
- Hudson, G. E., '35, 103.
- Sutton, G. M., and Montagna, W., '40, 594 (rev.).
- Taylor**, Alexander O'Driscoll.
- Yellow-crowned night heron in Rhode Island, '34, 369.
- Purple grackle wintering at Newport, R. I., '34, 384.
- Taylor**, Edmund Rhett, and **Odum**, E. P. see *Odum* and *Taylor*.
- Taylor**, Otis Boyd.
- Pigeon hawk at Cape Hatteras, North Carolina, '38, 525.
- taylori* (*Dactylortyx*), see *Dactylortyx*.
- Tchagra**, *incub.* '40, 322.
- australis**, *hbt.* '40, 323.
- littoralis**, *Afr.* '40, 321.—*fledg.*, *incub.*, '40, 321.
- senegala**, *Afr.* '40, 321.—*incub.* '40, 321.
- timbuktana**, *Timbaktu*, '33, 254.
- Tchitrea**, *forms*, '40, 589.
- affinis**, *tax.* '34, 119.
- burmae**, *Lower Chindwin*, '34, 119.
- indochinensis**, *Cambodia*, '34, 119.
- plumbeiceps**, *Afr.* '40, 320.—*fledg.*, *incub.*, '40, 320.
- restricta**, *Victoria Nyanza*, '34, 120.
- ruwenzoriae**, *Ruwenzori*, '40, 589.
- saturation**, *Bhutan*, '34, 119.
- singetra**, *Mad.* '33, 255.
- violacea**, *Nyasaland*, '40, 589.
- Teachenor**, Dix.
- Western burrowing owl in western Missouri, '40, 573.
- Teal**, Baikal, see *Nettion formosum*.
- Blue-winged, see *Querquedula discors*.
- Cape, see *Nettion capense*.
- Cinnamon, see *Querquedula cyanoptera*.
- Cotton, see *Cheniscus coromandelianus*.
- European, see *Nettion crecca*.
- Green-winged, see *Nettion carolinense*.
- Madagascar, see *Nettion punctata*.
- Technau**, Gert.
- Die Nasendrüse der Vögel (rev.), '37, 228-229.
- teitensis* (*Indicator*), see *Indicator*.

telephonus (Cuculus), see Cuculus.

Telmatodytes, *tax.* '35, 105.

dissaëptus (*Prairie Marsh Wren,

Long-billed Marsh Wren, ^bpalustris, ⁱliacus), *Conn. Val.* '32, 492; *Ia.* '39, 36; *La.* '34, 399; *Me.* '33, 112, '35, 460; *Mich.* '37, 473, '40, 156-157; *N. Y.* '35, 345; *O.* '31, 370^b, '32, 352^b, '33, 235, '35, 322, '36, 228; *S. C.* '36, 313; *Va.* '33, 197; *Wisc.* '31, 614^e, '39, 371^a.—*behav.* '37, 316, 473; *feather count*, '36, 166^a; *life hist.* '35, 345; *meas.* '37, 209; *misc.* '35, 363^a, 456^a.

griseus (Worthington's Marsh Wren), *dist.* '37, 457.

iliacus, *Ind.* '37, 209; *La.* '34, 399; *Man.* '37, 209; *Minn.* '35, 345, '37, 209; *Mo.* '37, 209; *Nebr.* '37, 209; *N. D.* '37, 209; *Wisc.* '37, 209.—*dist.* '37, 209; *life hist.* '35, 345; *meas.* '37, 209; *plm.* '37, 209; *tax.* '37, 208-209.

paludicola (*Tule Wren), *Calif.* '35, 429.—*eye*, '38, 234^a; *dist.* '35, 429; *misc.* '36, 22.

palustris (*Long-billed Marsh Wren), *D. C.* '38, 679^a; *Mass.* '31, 566; *Va.* '33, 452^a; *W. Va.* '38, 677.—*destr.* '37, 679^a; *fd.* '33, 452^a; *meas.* '36, 25, 26; *mt.* '37, 229-230^a; *plm.* '37, 229-230^a; *song*, '35, 40-52^a, '38, 266^a; *wt.* '36, 162^a; *misc.* '36, 22, '37, 186, 208.

thyrophilus (Louisiana Marsh Wren), *La.* '34, 399.

waynei (Wayne's Marsh Wren), *Ga.* '36, 339-340; *N. C.* '32, 454, '37, 457; *S. C.* '32, 454^a; *Va.* '34, 250.—*descr.*, *meas.* '32, 454.

Telmatomorphae, *anat.* '32, 136; *tax.* '31, 634.

temmincki (Calidris), see Calidris.

— (Orthonyx), see Orthonyx.

— (Tragopan), see Tragopan.

Temperature of Birds.

Baldwin, S. P., and Kendeigh, S. C., '33, 129-130 (rev.).

Hutt, F. B., and Ball, Lelah, '38, 651-657.

Kendeigh, S. C., '40, 10-12, 272 (rev.).

Lamoreaux, W. F., and Hutt, F. B., '39, 356 (rev.).

Stoner, D., '35, 402, 406, '38, 156 (rev.), '40, 276 (rev.).

temporalis (Aegintha), see Aegintha.

tenebrosa (Gallinula), see Gallinula.

tenebrosus (Colaptes), see Colaptes.

— (Pachyramphus), see Pachyramphus.

— (Phasianus), see Phasianus.

— (Rectes), see Rectes.

tenellus (Charadrius), see Charadrius.

tenerrima (Apalis), see Apalis.

tengmalmi (Aegolius), see Cryptoglaux funerea.

— (Cryptoglaux), see C. funerea.

— (Nyctale), see Cryptoglaux funerea.

Tennessee.

Calhoun, J. B., '39, 201 (rev.).

Clebsch, A., '40, 431 (rev.).

Coffey, B., '40, 431 (rev.).

Crook, C., '34, 384-385, '35, 78-79, 194-195.

Ganier, A. F., '33, 379 (rev.), '34, 114 (rev.), 371-373, '39, 202 (rev.), '40, 127 (rev.), 432 (rev.).

Gross, A. O., '31, 511.

Ijams, H. P., '31, 267-268.

Laskey, Amelia R., '34, 245-246, '35, 370-381, '38, 575 (rev.).

Lyle, R. B., '31, 598.

Monk, H. C., '40, 436 (rev.).

Murray, J. J., '31, 117.

Pitelka, F. A., '40, 130 (rev.).

Pond, J., '40, 593 (rev.).

Shaver, J. M., '34, 270 (rev.), '35, 343 (rev.).

Shoup, C. S., '40, 131 (rev.).

Simpson, T., et al., '39, 359 (rev.).

Solyom, V., '40, 438 (rev.).

Stupka, A., '38, 675, '39, 207 (rev.).

Todd, H. O., Jr., '40, 132 (rev.).

Tyler, B. P., '38, 582-583 (rev.).

Walker, W. M., Jr., '39, 500 (rev.).

Wetmore, A., '39, 361 (rev.), 477.

Whittemore, W. L., '37, 423 (rev.).

Wing, L., '38, 280.

Tennessee Ornithological Society.

[1934 meeting], '35, 133.

tenuifrons (Zosterops), see Zosterops.

tenuirostra (Aimophila), see Aimophila.

tenuirostris (Ateliotringa), see Calidris.

— (Calidris), see Calidris.

— (Charadrius), see Charadrius.

— (Phyllastrephus), see Phyllastrephus.

— (Puffinus), see Puffinus.

tenuis (Myzomela), see Myzomela.

— (Petrophila), see Petrophila.

Tephrocorys cinerea, *E. Afr.* '39, 495.

fuertesi, *Ethiopia*, '33, 139.

tephrocotis (Leucosticte), see Leucosticte.

Tephrophilus, *descr.* '34, 1^a; *tax.* '37, 212.

wetmorei, *Ecuad.* '34, 1-7^a, 155.—

descr. meas., '34, 1-7; *pl.* '34, 1 (col.), 144 (habitat).

Teploff, V. P., and Jarkoff, J. V.

see Jarkoff and Teploff.

Teploff, V. P., and Vlasoff, A. A.

see Vlasoff and Teploff.

Terathopius ecaudatus (*Batteleur

Eagle), *flight*, '38, 682^a; *misc.* '36, 236^a.

Teratornis merriami, *Fla.* '31, 462, '36,

- 386.—*fos.* '31, 462, '36, 386; *misc.* '32, 259.
- Teratornithidae**, *tax.* '38, 695.
- Terenotriccus**, *Peru*, '40, 277.
- Teretistris fernandinae** (Cuban Warbler), *Cuba*, '36, 437.
- Tern**, American Caspian, see Hydroprogne imperator.
- Antarctic, see *Sterna vittata*.
- Arctic, see *Sterna paradisaea*.
- Black, see *Chlidonias nigra* and *C. surinamensis*.
- Bridled, see *Sterna anaethetus* and *S. melanoptera*.
- Brown's, see *Sterna browni*.
- Cabot's, see *Thalasseus acutiflavus*.
- Caspian, see *Hydroprogne caspia* and *H. imperator*.
- Common, see *Sterna hirundo*.
- Crested, see *Thalasseus cristatus*.
- Eastern Sooty, see *Sterna fuscata*.
- Elegant, see *Thalasseus elegans*.
- Forster's, see *Sterna forsteri*.
- Gull-billed, see *Gelochelidon aranea*.
- Least, see *Sterna antillarum*.
- Lesser Noddy, see *Anous melanops*.
- Little, see *Sterna albifrons*.
- Marsh, see *Chlidonias hybrida*.
- Noddy, see *Anous stolidus*.
- Roseate, see *Sterna dougalli* and *S. gracilis*.
- Royal, see *Thalasseus maximus*.
- Rüppell's, see *Thalasseus par.*
- Sandwich, see *Thalasseus sandvicensis*.
- Sooty, see *Sterna fuscata*.
- Trudeau's, see *Sterna trudeaui*.
- White-fronted, see *Sterna striata*.
- White-winged, see *Chlidonias leucop-tera*.
- Terpsiphone**, *Malaysia*, '36, 122.
- atrocaudata**, *biol.* '39, 496.
- perspicillata** (*Paradise Flycatcher), *Rhodesia*, '36, 106^a.
- plumbeiceps**, *SW. Afr.* '39, 102.—*hbt.* '39, 102; *misc.* '40, 324.
- rufa**, *nomen.* '38, 307.
- sababensis**, *Siam*, '34, 552.
- unirufa** (*bTchitrea*), *nomen.* '38, 307^b.
- terraenovae** (*Dryobates*), see *Dryobates*.
- Terres**, John Kenneth.
- Persistence in egg-laying by injured robin, '39, 337.
- Grasshopper sparrow caught in spider's web, '39, 342.
- Snow geese near Philadelphia, '40, 107.
- Birds eating tent caterpillars, '40, 422.
- Great horned owls dying in the winter of 1939-40, '40, 571-572.
- terrestris** (*Geocichla*), see *Geocichla*.
- Terrill**, Lewis McIver.
- Nesting of the saw-whet owl (*Crypto-glaux acadica acadica*) in the Montreal district, '31, 169-174.
- Tersinidae**, *tax.* '37, 212.
- tertius** (*Pternistes*), see *Pternistes*.
- Test**, Frederick Harold.
- Effects of natural abrasion and oxidation on the coloration of flickers (*rev.*), '40, 276.
- Test**, F. H., and Grinnell, J.
- see Grinnell and Test.
- Test**, Louis Agassiz, and **Test**, F. H.
- Notes from Tippecanoe Co., Indiana, '33, 370-371.
- testacea** (*Calidris*), see *Erolia*.
- (*Erolia*), see *Erolia*.
- teter** (*Cathartes*), see *Cathartes*.
- tethys** (*Oceanodroma*), see *Oceanodroma*.
- (*Procellaria*), see *Oceanodroma*.
- Tethysia**, *tax.* '33, 383.
- Tetragonopyga**, *tax.* '33, 254.
- Tetrao obsoletus**, *Ural Mts.* '38, 136.
- urogallus** (*Capercaillie, Capercaillie), *Can.* '38, 573^a; *Finn.* '38, 578^a; *Jap.* '36, 356.—*display*, '40, 127^a; *paras.* '37, 505; *misc.* '36, 122.
- Tetraonidae**, *Russ.* '39, 495.—*eye.* '38, 238; *ost.* '35, 360.
- tetraopes** (*Phaenicochilus*), see *Phaenicochilus*.
- Tetraophasis szechényi**, *misc.* '32, 270.
- Tetrastes bonasia** (*Hazel Hen), *Hungary*, '40, 594^a; *Jap.* '36, 356.—*fd.* '40, 594^a; *misc.* '37, 105.
- rupestris**, *Fr.* '37, 105.
- tetrix** (*Lyrurus*), see *Lyrurus*.
- texana** (*Pyrrhuloxia*), see *Pyrrhuloxia*.
- texanus** (*Buteo*), see *Buteo*.
- (*Colinus*), see *Colinus*.
- (*Pipilo*), see *Pipilo*.
- (*Pitangus*), see *Pitangus*.
- Texas.**
- Allen, R. P., '35, 78, 198-200.
- Amadon, D., '40, 257.
- Brandt, H. W., '36, 325, '38, 269-270.
- Brodkorb, P., '35, 340 (*rev.*).
- Brooks, A., '33, 59-63.
- Burleigh, T. D., '39, 87-88.
- Burleigh, T. D., and Lowery, G. H., Jr., '40, 270 (*rev.*).
- Carleton, G., '35, 99.
- Carroll, J. J., '32, 343-344, '35, 90-91.
- Davis, W. B., '38, 671, '40, 270 (*rev.*).
- Dickerson, L. M., '38, 691 (*rev.*).
- DuMont, P. A., '33, 92.
- Ford, E. R., '38, 132-134.
- Holt, E. G., '33, 350.
- Kirn, A. J. B., '33, 221.
- Lowery, G. H., Jr., '38, 694 (*rev.*).
- More, R. L., '32, 343.
- Mulaik, S., '35, 187.

- Murray, L. T., and Murray, Z. E., '34, 371.
 Nye, F. F., Jr., '40, 130 (rev.).
 Peters, H. S., '31, 274-275.
 Quillin, R. W., '35, 324-325.
 Risser, A., '32, 106-107.
 Saunders, G. B., '33, 440.
 Sprunt, A., Jr., '35, 443, '38, 529.
 Stillwell, J. E., '40, 131 (rev.).
 Sutton, G. M., '39, 108 (rev.).
 Van Rossem, A. J., '40, 594 (rev.).
 Van Tyne, J., '36, 92.
 Van Tyne, J., and Sutton, G. M., '38, 157 (rev.).
 Wetmore, A., '33, 373.
 Williams, G. G., '38, 62-70.
Texas Federation of Nature Clubs.
 [Activities in conservation], '38, 586.
texensis (Chordeiles), see *Chordeiles*.
 — (*Myiozetetes*), see *Myiozetetes*.
Textor cucullatus (Black and Yellow-mantled Weaverbird), *Dom. Rep.* '33, 450.
Thalasseus acutiflavus (*Cabot's Tern), *Antigua*, '34, 361; *Fla.* '31, 246*, '35, 462; *N. C.* '32, 219, '40, 424; *Tex.* '38, 69; *Va.* '33, 196.—*egg.* '40, 56*; *incub.* '40, 56*, 58*; *leg. color.* '39, 66*.
cristatus (*Crested Tern), *Australia*, '39, 423*.
elegans (Elegant Tern, ^b*Sterna*), *Mex.* '35, 253.—*nomen.* '38, 305*.
ichla, *nomen.* '38, 305.
maximus (*Royal Tern, ^b*Sterna*), *Antigua*, '34, 361; *Dom. Rep.* '40, 569; *Fla.* '36, 100*; *Ga.* '31, 281*, '34, 252; *Haiti*, '40, 569; *Mass.* '37, 206; *Mex.* '35, 253; *N. J.* '36, 95; *N. C.* '32, 219, '37, 456, 463, '40, 423-424; *Pan.* '35, 326*; *P. R.* '38, 54; *S. C.* '31, 281*, '35, 98, '39, 64-67; *Tex.* '38, 69.—*leg. color.* '39, 64-67; *nest.* '32, 219; *plm.* '37, 206.
par (*Rüppell's Tern), *Afr.* '39, 106*.
sandvicensis (*Sandwich Tern, ^b*Sterna*), *band.* '34, 427*; *behav.* '40, 38*; *life hist.* '31, 639*; *plm.* '40, 437*.
Thalassidroma macgillivrayi, *tax.* '36, 362.
thalassina (*Tachycineta*), see *T. mexicana*.
Thalassogeron chlororhynchus (*Yellow-nosed Albatross, ^b*Nealbatrus*), *Falkland Is.* '33, 201; *Me.* '34, 507.—*meas.* '34, 507; *tax.* '35, 124*; *misc.* '31, 106*.
Thalassoica antarctica (*Antarctic Petrel), *Antarctic*, '37, 149-151*.—*misc.* '37, 148.
Thalurania, *syst.* '31, 639.
nigrofasciata, *Colom.* '37, 405.—*hyb.* '37, 405.
Thamnistes anabatinus, *Chiriqui*, '36, 232.
Thamnophilus, *tax.* '33, 460.
astrinuchus (Slaty Antshrike), *Pan.* '35, 327.
crepitans, *Mex.* '39, 100.
nigricristatus (Black-crested Antshrike), *Pan.* '35, 327.
punctatus (Slaty Antshrike), *Pan.* '34, 8.—*life hist., nest.* '34, 8; *pl.* '34, 14.
puncticeps, *tax.* '31, 149.
tharus (*Polyborus*), see *P. plancus*.
Thayer, John Eliot, 1862-1933.
 [Presents his collections of bird skins, nests and eggs to the Museum of Comparative Zoology], '32, 150.
 Obituary, '34, 46-51, 69.
thayeri (*Bonasa*), see *Bonasa*.
 — (*Larus*), see *Larus*.
Thectocercus, *Argent.* '37, 225.
theresae (*Montifringilla*), see *Montifringilla*.
 — (*Sylvia*), see *Sylvia*.
 Thick-knee, see *Burhinus dominicensis*.
Thienemann, Johannes, 1863-1938.
 Obituary, '38, 585, '39, 122, '40, 445.
thilius (*Agelaius*), see *Agelaius*.
Thinocorus rumicivorus, *Argent.* '37, 218.
 —*nid.* '37, 218.
Thinocorythidae, *tax.* '31, 635.
Thomas, Edward Sinclair.
 Chuck-will's-widow, a new bird for Ohio, '32, 479.
Thomas, J. F.
 Food of nestling swallows (rev.), '38, 309, '39, 207.
thome (*Stigmatopelia*), see *Stigmatopelia*.
Thompson, Benjamin Hunter.
 History and present status of the breeding colonies of the white pelican (*Pelecanus erythrorhynchos*) in the United States (rev.), '33, 458.
 In defense of pelicans (rev.), '34, 270-271.
Thompson, B. H., and **Wright**, G. M.
 see *Wright and Thompson*.
Thompson, B. H., **Wright**, G. M., and **Dixon**, J. S.
 see *Wright, Dixon and Thompson*.
thompsoni (*Otus*), see *Otus*.
Thomson, Arthur Landsborough.
 Recent progress in the study of bird migration (rev.), '36, 474.
 Bird migration (rev.), '37, 106.
 The migration of the gannet: results of marking in the British Isles (rev.), '39, 360.
Thomson, Donald F.
 Birds of Cape York Peninsula (rev.), '36, 464-465.

- Thomson, Ian Murray.**
Birds from the hide (rev.), '35, 210.
thoracica (Calospiza), see Calospiza.
thoracicus (Dactylortyx), see Dactylortyx.
- Thornburn, Archibald, —** -1935.
Obituary, '36, 129.
- Thoreau, Henry David, 1817-1862.**
Biography (rev.), '40, 263-264.
- Thorn-bird, Fargo's, see Phacellodomus fargoi.**
Rufous-headed, see Phacellodomus straticollis.
- Thorne, Mrs. William van Schoonhoven, —** -1937.
Obituary, '40, 148.
- Thrasher, Brown, see Toxostoma rufum.**
California, see Toxostoma redivivum.
Curve-billed, see Toxostoma curvirostre.
Leconte's, see Toxostoma lecontei.
Palmer's, see Toxostoma palmeri.
Pearly-eyed, see Margarops fuscatus.
Sage, see Oreoscoptes montanus.
Scaly-breasted, see Allenia apicalis.
Sennett's, see Toxostoma sennetti.
- Thraupidae, eye, '38, 240; hbt. '40, 177; plm. '36, 168; song, '38, 264, 267; misc. '37, 212.**
- Thraupis abbas, Hond. '36, 193.**
diaconus (Blue Tanager), Pan. '35, 327.
ornata (Archbishop Tanager, ^bTachyphonus archiepiscopus), Bras. '31, 56.—hbt. '31, 53, 56; nomen. '31, 56^b.
sayaca (Blue Tanager), Argent. '31, 56.—hbt. '31, 54, 56.
schulzei, Parag. '39, 100.
sclateri (Trinidad Tanager), Trin. '38, 44.—cowbird host, '38, 41-44.
- Threskiornis melanocephala (White Ibis), Java, '38, 573.—nid. '38, 573.**
- Thringorhina diluta, nomen. '38, 693.**
- Thripadectes rufobrunneus (Streaked Tree-hunter), Pan. '39, 306-307.—nid. '39, 306-307.**
- Thripias saturatus, Congo, '35, 113.**
- Thrush, Alaska Hermit, see Hylocichla guttata.**
Audubon's Hermit, see Hylocichla auduboni.
Bicknell's, see Hylocichla minima.
Blue, see Mimocichla rubripes.
Blue Rock, see Monticola cyanus.
Cascade Hermit, see Hylocichla oromela.
Dwarf Hermit, see Hylocichla nanus.
Eastern Hermit, see Hylocichla faxonii.
Forest, see Cichlherminia lawrencii.
Gray-cheeked, see Hylocichla aliciae.
Hermit, see Hylocichla faxonii.

- Missel, see Arceuthornis viscosus.
Mono Hermit, see Hylocichla polionota.
Olive-backed, see Hylocichla swainsoni.
Orange, see Geocichla.
Red-headed Laughing, see Garrulax erythrocephalus.
Rufous-bellied, see Turdus rufiventris.
Russet-backed, see Hylocichla ustulata.
Salvin's, see Turdus cnephosa.
Song, see Arceuthornis auritus, A. ericitorum and A. philomelos.
Sooty, see Turdus anthracinus.
Varied, see Ixoreus naevius.
White-throated, see Monticola gularis.
Willow, see Hylocichla salicicola.
Wilson's, see Hylocichla fuscescens.
Wood, see Hylocichla mustelina.
- Thryomanes bewicki (*Bewick's Wren), Ark. '31, 239; Mich. '35, 201; O. '31, 622, '36, 228^a, '37, 326; W. Va. '34, 395; Wisc. '32, 493.—myol. '38, 642; nest, '31, 622; wt. '37, 326.**
brevicauda, tax. '35, 106.
niceae, Okla. '34, 217*.—descr., dist., meas. '34, 217-220.
- Thryophilus, tax. '35, 105.**
castanonotus (Chestnut-backed Wren), Pan. '33, 305, '35, 327.
elutus, Pan. '33, 305.
galbraithi (Galbraith's Wren), Pan. '35, 327, '40, 295.—song, '40, 295.
longirostris, Bras. '33, 324.
modestus (*Chinchirigui), C. R. '40, 295, 300-302; Guat. '40, 302.—hbt. '40, 297-299^a, 300-302; incub. '40, 302; nest, '40, 300-302; song, '40, 295, 305^a, 310^a.
pleurostictus (*Banded Wren), C. R., Mex. Sal., '40, 303-304.—hbt. '40, 303-304; nid. '40, 301^a, 302^a, 303-304; song, '40, 303.
pullus (Chiapas Wren), Hond. '38, 50.—cowbird host, '38, 50.
semibadius (*River Wren), C. R. '40, 302-303.—hbt., nest, note, '40, 301^a, 302-303.
thryophilus (Telmatoodytes), see Telmatoodytes.
- Thryothorus, tax. '35, 105.**
affinis, Bras. '38, 696.
berlandieri (Berlandier's Carolina Wren), Mex. '40, 103.—dist. '40, 102, 103; meas. '40, 103; plm. '40, 97, 100-104.
burleighi (Burleigh's Carolina Wren), Miss. '40, 99-100*.—descr. '40, 99; dist. '40, 99-100, 102; meas. '40, 99.
euronotus (Southeastern Carolina Wren), Ala., Fla., Ga., La. '40, 98-99;

- Miss. '40, 98*.—*descr.* '40, 98; *dist.* '40, 98–99, 102; *meas.* '40, 98; *plm.* '40, 97.
- lomitensis** (Lomita Wren), *Mex.*, *Tex.*, '40, 104.—*dist.* '40, 102, 104; *meas.*, *plm.*, '40, 104.
- ludovicianus** (^aCarolina Wren, Northern Carolina Wren, Southern Carolina Wren, ^bSylvia, ^carundinaceus, ^dlittoralis, ^elouisianae, ^falleghani, ^gcarolinianus, ^hCerthia caroliniana), *Ala.* '40, 97; *Ark.* '31, 239, '40, 101*; *Conn.* *Val.* '32, 492, '33, 445, '40, 101*; *Del.* '40, 101*; *D. C.* '40, 101*; *Ga.* '40, 97; *Ill.* '40, 101*; *Ind.* '40, 101*; *Ia.* '40, 101*; *Kans.* '40, 101*; *La.* '37, 171*, '40, 97–98, 99; *Md.* '40, 101*; *Mass.* '33, 445; *Mich.* '31, 133, 276, '35, 201, '40, 101*; *Miss.* '40, 97; *Mo.* '40, 101*; *N. Y.* '33, 228; *N. C.* '37, 457, '40, 97; *O.* '32, 90*, '40, 101*; *Okl.* '38, 505, '40, 101*; *Pa.* '40, 101*; *S. C.* '40, 97; *Tenn.* '34, 384, '40, 97; *Tex.* '40, 97; *Vt.* '38, 552; *Va.* '40, 101*; *W. Va.* '32, 223*, 449.—*behav.* '40, 299; *blood.* '37, 517; *cowbird host.* '34, 384; *destr.* '36, 449; *dist.* '40, 97, 101*, 102; *feather count.* '36, 166*; *hbt.* '32, 90*, 223*; *meas.* '40, 97, 101*; *mlt.* '40, 95; *nest.* '34, 384, '40, 114; *plm.* '40, 97–103; *syn.* '40, 96–97^{abdef}, 101^b; *type loc.* '40, 97; *misc.* '31, 544*.
- miamensis** (Florida Wren), *Fla.* '40, 100.—*dist.* '40, 100, 102; *meas.* '40, 100; *plm.* '40, 95, 97, 98, 100.
- oberholseri** (Oberholser's Carolina Wren), *Tex.* '40, 101–103*.—*descr.*, *dist.*, *meas.* '40, 101–102.
- rutilus** (Bar-throated Wren), *Trin.* '31, 56.—*hbt.* '31, 52, 54, 56.
- thula** (Egretta), see Egretta.
- (Leucophoyx), see Egretta.
- thunbergi** (Motacilla), see Motacilla.
- thurberi** (Junco), see Junco.
- Thyellodroma bulleri** (New Zealand Shearwater), *Ore.* '33, 91.—*meas.* '33, 91.
- thyroideus** (Sphyrapius), see Sphyrapius.
- Tiaris canora** (Melodious Grassquit), *Cuba*, '36, 437.
- olivacea**, *Cuba*, '36, 437.
- omissa** (Carib Grassquit), *Antigua*, '34, 364.—*fd.* '34, 364.
- Tibet.**
- De Schauensee, R. M., '38, 570–571 (rev.).
- Kinnear, N. B., '38, 693 (rev.). '40, 434 (rev.).
- Ludlow, F., '37, 415 (rev.), 565 (rev.).
- Schäfer, E., '38, 580 (rev.), 697 (rev.).
- Stresemann, E., '40, 276 (rev.).
- tibetana (Hirundo), see Hirundo.
- tibetanus (Ithaginis), see Ithaginis.
- tibialis (Vestipedes), see Vestipedes.
- Ticehurst**, Claud Buchanan.
- [Assumes editorship of 'The Ibis'], '31, 331.
- A history of the birds of Suffolk (rev.), '33, 241–242.
- What is Pratincola robusta Tristram? (rev.), '37, 112.
- On a character of immaturity in the Anatidae (rev.), '39, 207.
- Systematic notes on Indian birds (rev.), '39, 207, 500, '40, 439, 594.
- The migratory status of the heron in Great Britain (rev.), '39, 360.
- On the food and feeding habits of the long-eared owl (Asio otus otus) (rev.), '40, 132.
- A new race of the African mountain wagtail (rev.), '40, 594.
- Ticehurst**, C. B., and **Stanford**, J. K.
- see Stanford and Ticehurst.
- Ticehurst**, C. B., and **Whistler**, H.
- Autumn impressions in Algeria (rev.), '39, 207.
- Ticehurst**, Norman Frederic.
- Incubation period of common gull (rev.), '39, 108.
- Ticehurst**, N. F., and **Witherby**, H. F.
- see Witherby and Ticehurst.
- Ticehurst**, N. F., **Witherby**, H. F., **Jourdain**, F. C. R., and **Tucker**, B. W.
- see Witherby, Jourdain, Ticehurst and Tucker.
- ticehursti (Mixornis), see Mixornis.
- (Strix), see Strix.
- Tichvinsky**, V. I.
- The food of aquatic game birds (rev.), '34, 416.
- The biology of the reddish ground-squirrel (Citellus rufescens Keys. et Blas) (rev.), '34, 416.
- tickelliae (Cyornis), see Cyornis.
- Tiemeier**, Otto William.
- Hasbrouck's screech owl from Kansas, '37, 391.
- A preliminary report on the os opticus of the bird's eye (rev.), '40, 439–440.
- Tierra del Fuego.**
- Castellanos, A., '38, 569 (rev.).
- tigrina (Dendroica), see Dendroica.
- Tigrisoma**, *Argent.* '37, 231.—*behav.* '37, 263.
- tilemsiensis (Auripasser), see Auripasser.
- Tillisch**, (Miss) Mary Agnes, 1869–1934.
- Obituary, '38, 315.
- Timalia poiocephala**, *tax.* '33, 364.
- timbuktana (Tchagra), see Tchagra.
- Timeliidae**, *behav.* '38, 101, '40, 520; *tax.* '39, 91, '40, 94.

- timidus (Empidonax), see Empidonax.
Tinamidae, *Bras.* '38, 695.—*tax.* '38, 695.
Tinamiformes, *Bras.* '38, 692.—*paras.* '38, 692; *misc.* '37, 506.
Tinamus brunneiventris, *Pan.* '38, 144.
 percautus, *Guat.* '38, 117.
 robustus, *avic.* '39, 500.
Tinbergen, I.
 Feldbeobachtungen an Zwergmöwen, *Larus minutus* Pall. (rev.), '37, 421–422.
Tinbergen, N.
 The behavior of the snow bunting in spring (rev.), '40, 267–268.
Tinbergen, N., and Kuenen, D. J.
 Ueber die auslösenden und die richtunggebenden Reizsituationen der Sperrbewegung von jungen Drosseln (*Turdus m. merula* L. und *T. e. ericetorum* Turton) (rev.), '40, 132.
tingitana (Sylvia), see Sylvia.
tinnunculus (Cerchneis), see Falco.
 — (Falco), see Falco.
Tit, Blue, see *Parus cyanus*.
 British Long-tailed, see *Aegithalos rosaceus*.
 British Willow, see *Parus kleinschmidtii*.
 Crested, see *Parus cristatus*.
 Great, see *Parus major*.
 Long-tailed, see *Aegithalos caudatus*.
 Marsh, see *Parus palustris*.
 North Island, see *Petroica toitoi*.
 Ox-eye, see *Parus major*.
 Willow, see *Parus salicarius*.
Titanohierax gloveralleni, *Bah. I., extinct*, '38, 311.
Titmouse, Black-crested, see *Baeolophus atricristatus*.
 Blue, see *Parus caeruleus*.
 Coal, see *Parus ater*.
 Penduline, see *Anthoscopus pendulinus*.
 Plain, see *Baeolophus inornatus*.
 Tufted, see *Baeolophus bicolor*.
Tityra, *Peru*, '37, 230.
 personata, *Hond.* '36, 191.—*colors*, '36, 192.
titys (Ruticilla), see Ruticilla.
tobagensis (Formicivora), see *Formicivora*.
 — (Mimus), see Mimus.
 — (Myiodynastes), see *Myiodynastes*.
Tobago.
 Belcher, C. F., and Smooker, G. D., '37, 108 (rev.), 560 (rev.).
toco (Rhamphastos), see *Rhamphastos*.
Todd, Walter Edmond Clyde.
 On *Vireo chivi* and its allies, '31, 407–412.

- The races of *Hylophylax naevioides* (Lafresnaye), '31, 428.
 Eastern records for the russet-backed thrush (*Hylocichla ustulata ustulata*), '31, 435.
 Critical notes on the neotropical thrushes (rev.), '32, 132–133.
 A new mockingbird from Colombia (rev.), '32, 133.
 New South American wrens (rev.), '32, 384.
 The races of the white-eyed vireo, '33, 115–116.
 Seven apparently new South American birds (rev.), '33, 142.
 A new weaver-bird from Cameroun (rev.), '33, 142.
 Critical notes on the Cracidae (rev.), '33, 142.
 A new name for *Odontophorus capistratus* Todd (rev.), '33, 250.
 Geographical variation in the American titlark (rev.), '35, 343.
 The redhead and ring-necked duck breeding at Pymatuning Lake, Pennsylvania, '36, 440.
 Two new races of North American birds, '38, 116–118.
 Greater prairie chicken in western Pennsylvania?, '38, 274.
 New South American birds (rev.), '38, 309.
 A new eastern race of the Canada goose, '38, 661–662.
 Type locality of the American robin, '39, 190–191.
 Eastern races of the ruffed grouse, '40, 390–397.
 Birds of western Pennsylvania (rev.), '40, 579–580.
Todirostrum, *Peru*, '40, 595.
 cinereum (Northern Tody Flycatcher), *Cent. Am.* '40, 296.—*note*, '40, 296.
 difficile, *S. Am.* '38, 309.
 finitimum (Tody Flycatcher), *Hond.* '36, 192.—*colors*, *fd.*, '36, 192; *misc.* '36, 337.
 nigriceps, *C. R.* '33, 300.
 senectum, *Bras.* '37, 562.
Todus multicolor (=Cuban Tody), *Cuba*, '36, 437a.
 plumbeus, *misc.* '37, 234.
 Tody, Cuban, see *Todus multicolor*.
togata (Bonasa), see Bonasa.
toitoi (Myiomoira), see *Petroica*.
 — (Petroica), see *Petroica*.
tokora (Pternistes), see *Pternistes*.
tokugawae (Garrulus), see *Garrulus*.
tolmiei (Oporornis), see *Oporornis*.
Tolmomyias, *Peru*, '40, 278.
Tomkins, Ivan Rexford.

- A snowy owl from coastal Georgia, '31, 268.
 Further notes from the Savannah River entrance, '31, 279-282.
 Additional species for the Georgia list, '31, 435-436.
 The black skimmer a permanent resident in Georgia, '32, 85-86.
 A greater snow goose from Georgia, '32, 213-214.
 A sooty tern from Georgia, '32, 219.
 Yellow-eyed boat-tailed grackles again, '32, 227.
 The western willet in winter in Georgia and South Carolina, '33, 102.
 Ring-billed and herring gulls at the Savannah River mouth in July and August, '33, 103.
 The yellow-legs wintering in South Carolina, '33, 215.
 An eastern snow bunting from Georgia, '33, 227.
 Notes from Chatham County, Georgia, '34, 252-253.
 A blue goose from Georgia, '35, 78.
 Another Ipswich sparrow from Georgia, '35, 194.
 Another blue goose from Georgia, '35, 302.
 An Atlantic song sparrow from Georgia, '35, 315.
 The Lapland longspur (*Calcarius l. lapponicus*); a South Carolina specimen, and a Georgia sight record, '35, 315.
 The white-rumped and stilt sandpipers in southern South Carolina, '36, 80.
 The stilt sandpiper again on the lower Savannah River, '36, 329.
 Southern sharp-tailed sparrow in Georgia and South Carolina, '36, 335-336.
 A Georgia specimen of Wayne's marsh wren, '36, 339-340.
 The status of Macgillivray's seaside sparrow, '37, 185-188.
 Whistling swan from the Savannah area (rev.), '40, 594.
tomlini (Otus), see Otus.
Tomtit, North Island, see *Petroica toitoi*.
Tonga Islands.
 Davidson, M. E. McL., '36, 77-78.
tonkinensis (Sitta), see Sitta.
 — (*Stachyris*), see *Stachyris*.
torda (Alca), see Alca.
tornowi (*Pternistes*), see *Pternistes*.
Toronto Ornithological Club.
 [Organization meeting], '34, 569.
torquata (Chauna), see Chauna.
 — (*Megaceryle*), see *Megaceryle*.
 — (*Saxicola*), see *Saxicola*.
torquatus (*Cracticus*), see *Cracticus*.

- (*Pedionomus*), see *Pedionomus*.
 — (*Phasianus*), see *Phasianus*.
 — (*Pipilo*), see *Pipilo*.
 — (*Pteroglossus*), see *Pteroglossus*.
 — (*Rallus*), see *Rallus*.
 — (*Turdus*), see *Turdus*.
torquilla (*Jynx*), see *Jynx*.
torrentium (*Motacilla*), see *Motacilla*.
torreyi (*Cassidix*), see *Cassidix*.
torridus (*Canachites*), see *Canachites*.
tortugae (*Amphispiza*), see *Amphispiza*.
tortugensis (*Aratinga*), see *Aratinga*.
Totanus, tax. '34, 540.
flavipes (*Lesser Yellow-legs), *Alla.* '31, 262-263; *Antigua.* '34, 359; *Ark.* '36, 350; *Dom. Rep.* '34, 502; *Fla.* '31, 423^a; *Ia.* '35, 84; '38, 275; *La.* '34, 399; *Md.* '38, 127; *Mass.* '31, 566; '37, 537^a; *Mich.* '31, 417^a; *N. H.* '35, 97; *N. J.* '31, 419^a, 420^a, 421, 422^a; '32, 470-474; *N. C.* '34, 94^a; '37, 454; *O.* '31, 374, 596^a; *Ont.* '35, 196; *Pan.* '35, 326; *Que.* '31, 245^a; *S. C.* '31, 417; '33, 215; '36, 80^a, 329^a; '39, 76^a; *Tex.* '38, 67; *V. I.* '38, 553; *W. I.* '34, 103; *W. Va.* '36, 97; '38, 128; *Wisc.* '32, 82^a—*fd.* '34, 502; *hbt.* '31, 182-184^a; '35, 352; '38, 275^a; *mig.* '32, 82^a; '38, 67; *nest.* '31, 263; *nomen.* '40, 78^a, 81^a; *wt.* '31, 573.
melanoleucus (*Greater Yellow-legs, *b*Tringa), *Alla.* '31, 261-263; *Antigua.* '34, 359; *Ark.* '36, 350; *Fla.* '31, 423^a; '35, 198; *Ia.* '35, 84; *Labr.* '37, 24; *Me.* '38, 551; *Man.* '32, 168^a; *Md.* '38, 127; *Micronesia.* '35, 213^b; *N. F.* '36, 343; *N. H.* '35, 97; *N. J.* '31, 419^a, 420^a, 421, 422^a; '32, 470-474; '38, 275; *N. C.* '33, 231; '34, 94^a; '35, 319; '37, 454; *N. S.* '37, 24; '38, 549^a; *O.* '31, 374, 376^a; *Pan.* '35, 326; *Pa.* '31, 113^a; *S. Am.* '36, 171^a; *Tex.* '38, 67; *V. I.* '38, 553; *W. Va.* '38, 128.—*behav.* '39, 104^a; *egg.* '31, 263; *hbt.* '31, 182-184^a, 261-263; '38, 275; *meas.* '37, 24; *nest.* '31, 263; *paras.* '37, 41; *wt.* '37, 24; '38, 516; *wing area.* '38, 516.
totanus (*Redshank, *b*Tringa), *E. Afr.* '39, 105; *Finl.* '39, 106^a; *G. Br.* '40, 277^a; *Holl.* '38, 574^b—*hbt.* '35, 410; '39, 106^a; *nomen.* '40, 78^a; *races* (*E. Afr.*), '39, 105; *misc.* '36, 474^a.
totanus (Totanus), see Totanus.
 Toucan, Green, see *Aulacorhynchus maxillaris*.
Tout papilio, *Ecuad.* '39, 108.
toulou (Centropus), see Centropus.
 Tousey, Richard, and Griscom, L.
 Sycamore warbler in Massachusetts '37, 210-211.
 Tout, Wilson.

- The ducks of Lincoln County, Nebraska (rev.), '37, 569-570.
- Towers, Irving L.**
Feather structure of the ruffed grouse, '34, 516-517.
- Towhee**, see *Pipilo erythrophthalmus*.
Abert's, see *Pipilo aberti*.
Alabama, see *Pipilo canaster*.
Anthony's, see *Pipilo senicula*.
Arctic, see *Pipilo arcticus*.
Brown, see *Pipilo crissalis*.
California, see *Pipilo crissalis*.
Collared, see *Pipilo torquatus*.
Green-tailed, see *Oberholseria chlorura*.
Oregon, see *Pipilo oregonus*.
Plateau Brown, see *Pipilo potosinus*.
Red-eyed, see *Pipilo erythrophthalmus*.
San Diego, see *Pipilo megalonyx*.
San Francisco, see *Pipilo falcifer*.
San Francisco Brown, see *Pipilo petulans*.
Sclater's, see *Pipilo rutilus*.
Spurred, see *Pipilo montanus*.
White-eyed, see *Pipilo alleni*.
- Towns, Solon Rodney, 1846-1932.**
Obituary, '33, 83, 154-155.
- Townsend, Charles Wendell, 1859-1934.**
A Shufeldt's junco (*Junco oreganus shufeldti*) in Ipswich, Mass., '31, 274.
The post-breeding northern migration of North American herons (rev.), '31, 310.
Tragedies among yellow-billed cuckoos, '31, 602.
Nesting of a pair of red-winged blackbirds on a hilltop, '31, 607.
On the color of the iris in the boat-tailed grackle, '31, 609-610.
From Panama to Patagonia (rev.), '32, 249-250.
Winking of the dovekie (*Alle alle*), '33, 105.
Sight records of the Eskimo curlew, '33, 214.
Brünnich's murre destroyed by storm, '33, 217.
Shufeldt's junco in the east, '33, 226.
Broad-winged hawks and starlings, '33, 355-356.
Obituary, '34, 432, '35, 66.
In memoriam, '35, 227-232, por.
- Townsend, C. W., and Allen, F. H.**
Leach's petrel (*Oceanodroma leucorhoa leucorhoa*) breeding in Massachusetts, '33, 426-427.
- Townsend, John Kirk, 1809-1851.**
[Remarks on his types], '36, 242.
townsendi (*Dendroica*), see *Dendroica*.
— (*Myadestes*), see *Myadestes*.
— (*Richmondia*), see *Richmondia*.
- (Spiza), see Spiza.
- Townson, John.**
American egret in eastern Ontario, '33, 94.
- Toxostoma, misc.** '40, 431.
curvirostre (*Curve-billed Thrasher), Okla. '36, 432^a, 434, '38, 505.—*nest*, '36, 434.
insularum, Mex. '31, 307.
lecontei (Leconte's Thrasher), Mex. '35, 255.—*adaptation*, '40, 431; *nest*, '35, 255.
palmeri (Palmer's Thrasher), Fla. '32, 484; Mex. '35, 255.
redivivum (*California Thrasher), Calif. '35, 429.—*band*, '40, 275^a; *behav.* '40, 275^a; *dist.* '35, 429; *misc.* '31, 544^a.
rufum (*Brown Thrasher, *blongicauda*), Ark. '31, 239; Germ. '37, 553^a; Kans. '34, 538^a; La. '39, 92^b; Mass. '32, 233; O. '31, 370, 439, 622^a, '37, 326; Pa. '38, 679-680^a; Utah, '36, 232; Va. '33, 452^a, '37, 461, '40, 574; Wisc. '34, 255.—*feather count*, '36, 167^a; *flight*, '33, 452^a; *fd.* '33, 452^a, '38, 679-680^a; *hbl.* '31, 439; *mimicry*, '40, 574; *myol.* '38, 642, 646, 647; *nest*, '31, 622^a; *note*, '38, 490^a; *song*, '34, 506^a, '38, 616^a, 619-622^a, 687^a; *twin embryos*, '40, 270^a; *wt.* '37, 326, '38, 422^a, 423^a, 438, 439; *misc.* '31, 543^a, 544^a, '35, 371, 479^a, '38, 218^a.
sennetti (*Sennett's Thrasher), Ariz. '34, 538^a, '35, 104^a; Tex. '39, 164.—*dist.*, *fd.* '39, 164.
- Trachyphonus berberensis**, Sudan, '32, 253.
darnaudi, Uganda, '38, 578.—*nest*, '38, 578.
erythrocephalus, *rates*, '38, 692.
kingi, Sudan, '31, 459.
margaritatus, *misc.* '32, 253.
shellei, Br. Somaliland, '38, 692.—*type loc.* '38, 692.
- Tragopan temminckii** (*Temminck's Tragopan), *misc.* '40, 270^a.
trailli (*Empidonax*), see *Empidonax*.
— (*Oriolus*), see *Oriolus*.
transfluvialis (*Leucolepis*), see *Leucolepis*.
- Trautman, Milton Bernhard.**
Snowy egret at Buckeye Lake, Ohio, '31, 112.
Status of the American and lesser scaup ducks in Ohio, '31, 257-258.
A sight record of a European teal in Ohio, '32, 345.
A revised list of the birds of Ohio (rev.), '33, 142.
Some recent Ohio records, '33, 234-236.

- Notes on some Ohio birds, '35, 201-202.
Additional notes on Ohio birds, '35, 321-323.
Second revised list of the birds of Ohio (rev.), '35, 343.
Red phalarope in Michigan, '38, 528-529.
The birds of Buckeye Lake, Ohio (rev.), '40, 586-587.
Trautman, M. B., Bills, W. E., and Wickliff, E. L.
Winter losses from starvation and exposure of waterfowl and upland game birds in Ohio and other northern states (rev.), '39, 500.
Trautman, M. B., and Campbell, L. W.
see Campbell and Trautman.
Trautman, M. B., and Van Tyne, J.
The occurrence of Sprague's pipit in Michigan, '35, 457-458.
Travancore.
Sálim, A., '37, 419-420 (rev.), 567 (rev.).
traversi (Phalacrocorax), see Phalacrocorax.
Tree-duck, Black-bellied, see Dendrocygna autumnalis.
Fulvous, see Dendrocygna bicolor and D. helva.
Gray-breasted, see Dendrocygna discolor.
West Indian, see Dendrocygna arborea.
White-faced, see Dendrocygna viduata.
Tree-hunter, Streaked, see Thripadectes rufobrunneus.
treganzai (Ardea), see Ardea.
Tregenza, L. A., and Greaves, R. H.
see Greaves and Tregenza.
trepidus (Empidonax), see Empidonax.
Treron curvirostra, Java, '35, 127.
pembaensis, Pemba I. '40, 592.
xenia, Mad. '34, 423.
tresmariae (Amazona), see Amazona.
Tribuna chui, China, '33, 257.
luteoventris, Formosa, '38, 694.—melan. '38, 694.
netrix, Kansu, '31, 640.
saturata, China, '33, 257.
trichas (Geothlypis), see Geothlypis.
Trichastoma affine, tax. '33, 364.
Trichoglossus chlorolepidotus, disease, '40, 332.
haematod, anat. '35, 330.
moluccanus, disease, '40, 332.
Tricholaema leucomelan, Afr. '40, 319.—fledg., incub. '40, 319.
trichopsis (Otus), see Otus.
— (Scops), see Otus.
tricolor (Agelaius), see Agelaius.
— (Ara), see Ara.

- (Hydranassa), see H. ruficollis, and H. tricolor.
— (Pycnonotus), see Pycnonotus.
— (Steganopus), see Steganopus.
tricolora (Setophaga), see S. ruticilla.
tridactyla (Rissa), see Rissa.
tridactylus (Picoides), see Picoides.
Trine, Mrs. George W.
Hand-raising young black-headed grosbeaks (rev.), '37, 112.
Tringa, St. Lucia, '35, 476.—mig. '38, 432; tax. '34, 540.
cinnamomea (*Western Solitary Sandpiper), C. R. '33, 299; Ind. '36, 373a.—tax. '35, 481.
nebularia (Greenishank), Scott. '33, 258.
ochropus (Green Sandpiper), Rhodésia, '37, 112.
solitaria (*Eastern Solitary Sandpiper, Solitary Sandpiper, ^bHelodromas), Antigua, '34, 359; Labr. '32, 511a; Md. '36, 444, '38, 127; N. J. '31, 419a, 422a, '32, 470-474a; N. Y. '35, 197; O. '31, 374, 376a; Pan. '35, 326; Pa. '31, 113a; Tex. '33, 62, '38, 66; W. Va. '36, 97, 444, '38, 128.—fd. '33, 357b; hbt. '31, 182a; mig. '38, 66; nid. '32, 511a, '40, 212; wt. '38, 515; wing area, '38, 515.
Trinidad.
Belcher, C. F., and Smooker, G. D., '37, 108 (rev.), 560 (rev.).
Butler, A. L., '31, 427.
Carriker, M. A., Jr., '31, 186-194.
Roberts, H. R., '34, 412 (rev.).
Williams, C. B., '31, 449-451 (rev.).
trinitatis (Icterus), see Icterus.
— (Pulsatrix), see Pulsatrix.
Tripsurus extensus, S. Am. '38, 309.
rubrifrons, S. Am. '38, 309.
tristanensis (Fregetta), see Fregetta.
— (Fregettornis), see Fregetta.
tristani (Pterodroma), see Pterodroma.
tristis (Acridotheres), see Acridotheres.
— (Anas), see Anas.
— (Astragalinus), see Spinus.
— (Chrysomitris), see Spinus.
— (Spinus), see Spinus.
tristrami (Coenocorypha), see C. aucklandica.
trivialis (Anthus), see Anthus.
Trochalopteron phoeniceum, tax. '33, 254.
Trochalopteron, behav. '37, 417.
trochila (Columbigallina), see Columbigallina.
Trochili, eye, '38, 236, 239; tax. '39, 357.
Trochilidae, Mex. '39, 444.—eye, '38, 239; ost. '35, 360.
Trochilus ruckeri, misc. '37, 234.

trochilus (Phylloscopus), see Phylloscopus.

Trochocercus albonotatus, *Afr.* '40, 320.—*fledg.*, *incub.* '40, 320.

Troglodytes, *hbt.* '40, 297; *tax.* '35, 105.

aedon (*Eastern House Wren, House Wren, *domesticus*), *Atlantic*, '31, 133; *Ill.* '32, 224^a; *Ky.* '35, 465; *Md.* '36, 340^b; *Mex.* '40, 240^b; *Mich.* '39, 99^a; *N. C.* '34, 87; *N. S.* '38, 549; *O.* '31, 375, 377^a; '36, 98^b; *Ont.* '39, 18; *Va.* '32, 90, '34, 250.—*behav.* '35, 283; *dist.* '34, 546, '38, 434^a; *ecol.* '37, 564; *feather count*, '36, 166^a; *fd.* '40, 337^a; *hbt.* '34, 187; *incub.* '40, 499–513; *meas.* '36, 25, 26, 64^a; *mig.* '39, 252^a; *nid.* '32, 224^a, '36, 473^a; '40, 338–346^a; *nomen.* '35, 121^b; *paras.* '37, 177^a, 501; *physiol.* '40, 499–513; *pl.* '35, 286; *plm.* '37, 229–230^a; *song*, '35, 40–52^a, '38, 266^a, 484^a, 487^a, 490^a, '40, 296; *tax.* '35, 121^b; *temp.* '40, 272^a; *wt.* '38, 422–424^a, 427^a, 438, 439, 460^a, 514; *wing area*, '38, 514; *misc.* '31, 544^a, '36, 22, 58^a, 88^a, '37, 553^a, '38, 421^a, '39, 210^a.

baldwini (*Ohio House Wren), *Md.* '36, 86, 340, '39, 87; *Mich.* '39, 99^a; *N. C.* '37, 457; *O.* '36, 98, '37, 326, '40, 4–12^a; *Va.* '34, 525.—*band.* '40, 7^a; *behav.* '37, 325^a, '40, 8; *tax.* '35, 121, '40, 8; *wt.* '37, 326.

bonariae (Uruguay House Wren), *Argent.* '31, 56; *Braz.* '33, 324.—*hbt.* '31, 52, 53, 56.

brunneicollis (Brown-throated Wren), *Mex.* '37, 197, '40, 236, 240.

clarus (Trinidad Wren), *Br. Guiana*, *Trin.*, '31, 56.—*hbt.* '31, 56.

compositus, *Mex.* '37, 197.

hirtensis, *St. Kilda*, '36, 243.

longicilla, *China*, '37, 569.

mesoleucus, *W. I.* '32, 496.

musculus (*House Wren), *C. R.* '40, 293–299, 306–307.—*hbt.* '40, 306–307; *nid.* '40, 297^a, 306; *song*, '40, 296.

ochraceus (Irazú Wren), *C. R.* '40, 307.—*hbt.*, *nid.*, '40, 307.

oril, *Borodino Is.* '40, 133.

parkmani (*Western House Wren, House Wren), *Alta.* '38, 47; *Ark.* '36, 456; *La.* '34, 88; *Mich.* '39, 99^a; *Va.* '33, 197; *Wash.* '31, 544^a.—*cowbird host*, '38, 47; *meas.* '36, 24, 25, 26; *misc.* '31, 544^a, '36, 22.

rehni, *Hond.* '32, 503.

rufociliatus (Rufous-browed Wren), *Guat.* '40, 307–308.—*hbt.*, *nid.*, *song*, '40, 307–308.

troglodytes (Collocalia), see Collocalia.

— (Nannus), see Nannus.

— (Troglodytes), see Nannus.

Troglodytidae, *Cent. Am.* '40, 293–312.—*eye*, '38, 240; *hbt.* '40, 176, 293–312; *myol.* '38, 642, 649; *plm.* '36, 166; *song*, '38, 264, 266, '40, 294–296.

Trogon ambiguus (Coppery-tailed Trogon, *Trogonurus*), *Ariz.* '33, 124, '37, 64, '39, 162; *Mex.* '39, 162, '40, 236^b, 238^b.—*fd.* '39, 162; *note*, '37, 64.

braccatus, *Hond.* '36, 190.

canescens, *Mex.* '35, 208.

chionurus, *Pan.* '33, 301.

massena, *flight*, '39, 310.

melanocephalus, *Hond.* '36, 190.—*colors*, *fd.*, '36, 190.

mexicanus (Mexican Trogon, *Trogonurus*), *Mex.* '40, 236^b, 238^b.

rossi, *S. Am.* '39, 204.

Trogon, Coppery-tailed, see Trogon ambiguus.

Forest, see *Apaloderma narina*.

Magnificent, see *Pharomacrus mocino*.

Malabar, see *Pyrotrogon malabaricus*.

Mexican, see Trogon mexicanus.

Trogoniformes, *misc.* '37, 506, '38, 242.

Troller, Julius.

Weiterer Beitrag zur Systematik der Wasseramsel (rev.), '37, 422.

Der Raubwürger, *Lanius excubitor excubitor* L. (rev.), '37, 570.

Tropic-bird, Red-billed, see *Phaethon aethereus*.

White-tailed, see *Phaethon dorotheae*.

Yellow-billed, see *Phaethon catbyi*.

tropica (Fregetta), see Fregetta.

tropicalis (Icteria), see Icteria.

Tropidorhynchus buceroides (*Helmeted Friar-bird), *Australia*, '37, 565^a.—*fd.*, *nid.*, '37, 565^a.

Trotter, Spencer, 1860–1931.

Obituary, '31, 471–472, '32, 69.

Trotter, William Henry, 1869–1933.

Obituary, '36, 69.

Trouche, Lucius.

Le Flamant rose de Camargue erratique? sédentaire? nicheur? (rev.), '39, 109.

Troupial, see *Icterus icterus*.

Trouslot, Rollin Burdette, 1861–1939.

Obituary, '40, 149.

Trowbridge, Albert H., and **Williams**, C. S.

see Williams and Trowbridge.

troxelli (Palaeorallus), see Palaeorallus.

trudeau (Sterna), see Sterna.

Trugon mayri, *Hollandia*, '31, 466.

Trumbull, Gordon, 1841–1903.

Obituary, '40, 597–598.

Trumpeter, Gray-winged, see *Psophia crepitans*.

Trupialis militaris (Marsh Starling), *Ar-*

- gent., *Br. Guiana, Trin.*, '31, 58.—*hbt.* '31, 54, 58.
- trycopsis* (Otus), see *O. trichopsis*.
- Tryngites subruficollis** (*Buff-breasted Sandpiper), *Ark.* '38, 285; *Ky.* '38, 678; *N. J.* '32, 470-474; *N. Y.* '34, 397; *Va.* '33, 195.—*young*, '40, 125^a.
- Tryon**, Henry Harrington.
Red-wings feeding on the larch saw-fly, '38, 125.
- tschegrava* (Hydroprogne), see *H. caspia*.
- tschuktschorum* (Xema), see *Xema*.
- tsubame* (Collocalia), see *Collocalia*.
- tubiger* (Glaucidium), see *Glaucidium*.
- Tubinares**, *anat.* '36, 247, '37, 571, '38, 584; *ost.* '35, 360, '37, 110.
- Tucker**, Bernard William.
An observation of the roosting of swifts (rev.), '37, 229.
- Tucker**, B. W., Witherby, H. F., Jourdain, F. C. R., and Ticehurst, N. F.
see Witherby, Jourdain, Ticehurst and Tucker.
- tucupiae* (Myzomela), see *Myzomela*.
- tucumanensis* (Myospiza), see *Myospiza*.
- tucumanum* (Glaucidium), see *Glaucidium*.
- tucumanus* (Cyanocorax), see *Cyanocorax*.
- Tufts**, Robie Wilfrid.
Some common birds of Nova Scotia (rev.), '35, 334.
Summer tanager in Nova Scotia, '39, 88.
First recorded nest of Baltimore oriole for Nova Scotia (rev.), '39, 109; '40, 132.
Summer tanager in Nova Scotia (rev.), '39, 207.
Occurrence of the shoveller on Anticosti Island, Quebec (rev.), '40, 277.
Hungarian partridge in Prince Edward Island (rev.), '40, 440.
- Tugarinov**, Arcadius Jakovlevich.
The bluethroats of the eastern Palearctic (rev.), '31, 297-298.
New birds from northern Mongolia (rev.), '31, 298.
- Tui*, see *Prothemadera novae-seelandiae*.
- tundrarum* (Charadrius), see *Charadrius*.
- Turacus**, see *Tauraco*.
- Turdidae**, *Afr.* '40, 320; *G. Br.* '39, 196.—*behav.* '40, 520; *eye*, '38, 240; *hbt.* '38, 101, '40, 176; *incub.* '40, 322; *myol.* '38, 642, 649; *paras.* '40, 517; *plm.* '36, 167; *song*, '38, 264-266; *tax.* '39, 91; *misc.* '38, 669.
- Turdoides clarkae**, *Ethiopia*, '40, 273, 323.
- plebeja**, *Afr.*, *races*, '40, 435.
- Turdus** (*Planesticus), *Scotl.* '39, 201.—*behav.* '40, 520; *hbt.* '40, 17^b; *plm.* '37, 568; *tax.* '32, 132, '35, 105; *misc.* '37, 500.
- achrusterus** (*Southern Robin, Robin), *Fla.* '31, 247^a; *La.* '33, 439^a; *N. C.* '37, 457, '39, 190-191; *S. C.* '34, 537, '36, 313, '39, 87; *Tex.* '35, 90; *Va.* '33, 199, '34, 250; *W. Va.* '38, 311.—*feather count*, '36, 167^a; *type loc.* '39, 190.
- albiventer** (*Pheippialis), *tax.* '32, 133, 133^b.
- amaurochalinus**, *Argent.* '38, 43,—*cowbird host*, '38, 43; *syn.* '38, 578.
- angustirostris**, *misc.* '39, 354.
- anthracinus** (Sooty Thrush), *Argent.* '38, 43.—*cowbird host*, '38, 41-43.
- atrigrularis**, *misc.* '36, 123.
- aureus**, *Corsica*, '35, 214; *Holl.* '33, 259.
- berlepschi**, *Braz.* '32, 133.
- biesenbachi**, *Java*, '31, 157.
- calliphthongus**, *Mex.* '38, 306.
- cayennensis**, *Fr. Guiana*, '32, 133.
- cnephosa** (Salvin's Thrush), *Pan.* '39, 307-308.—*nid.*, *note*, '39, 307.
- confinis** (San Lucas Robin), *tax.* '35, 106.
- conradi**, *Ecuad.* '34, 150.
- extimus**, *Braz.* '32, 133.
- gigantodes**, *Ecuad.* '34, 150.
- grayi**, *Hond.* '36, 193.—*colors*, '36, 193.
- grisior**, *Mex.* '35, 208.
- haplochrous**, *Bol.* '32, 133.
- maranonica** (*Merula), *syn.* '38, 578^b.
- merula** (*European Blackbird, Blackbird), *Australia*, '37, 423, '39, 493^a; *N. Z.* '34, 492.—*anat.* '38, 307; *band.* '36, 363^a; *behav.* '38, 299^a; '40, 132; *hbt.* '34, 178; *note*, '40, 126^a; *paras.* '40, 514^a, 517; *wt.* '38, 431.
- migratorius** (*Eastern Robin, Robin, ^bPlanesticus, ^ccanadensis, ^dMerle), *Acadia*, '39, 289^a, '40, 80nd; *Ala.* '39, 98^a; *Ark.* '31, 239^b, '39, 98^a; *Fla.* '40, 129^a; *Fr.* '40, 586^a; *Germ.* '37, 553^a; *Ill.* '34, 538^a, '38, 574^a; *Ind.* '35, 477^a; *Ia.* '39, 483^a; *Labr.* '37, 37, 46^a, '39, 191; *La.* '36, 338-339, '39, 98^a, '40, 408^a, 410^a; *Man.* '32, 168^a; *Md.* '40, 333-336^a; *Mass.* '33, 113^a, 221^a, '39, 191; *Mex.* '39, 98^a, '40, 235; *Minn.* '39, 98; *N. F.* '36, 344; *N. H.* '36, 94; *N. J.* '36, 394^a; *N. Y.* '39, 337; *O.* '31, 370, 440^b, 622^b, '32, 350^a, '37, 326; *Ont.* '39, 18; *Pa.* '37, 510, '38, 674, 679, 680^a, '39, 191, 337-338; *S. C.* '39, 190-191; *Tenn.* '35, 372^a; *W. Va.* '38, 311.—*alb.* '36, 94, '38, 574^a, '40, 574; *avic.* '37, 558^a; *band.* '39, 98^a; *behav.* '39, 338; *blood*, '37, 517; *dist.* '39, 245^a; *egg*, '33, 113^a, 221^a, '38, 674, '39, 191, '40, 45^a,

- 57^a; eye, '38, 242^a; feather count, '36, 165^a; flight, '33, 236^a, 316^a, 452^a; fd. '33, 452^a, '36, 338-339, '38, 679-680^a, '39, 483, '40, 125^a, 336^a; hbt. '31, 440^b, '34, 178, '39, 267; incub. '40, 57^a, 59^a; meas. '39, 191; mig. '40, 129^a; nid. '31, 622^b, '35, 477^a, '37, 37, '38, 674, '39, 247-248^a, 337, 337-338, '40, 333^a, 336^a; nomen. '39, 190^a, 191; pl. '37, 512; song. '35, 40-52^a, '38, 266^a, 619^a; temp. '38, 156^a; two tails, '37, 510; type loc. '39, 190-191; wt. '31, 574^b, '37, 326, '38, 422^a, 423^a, 440, 441, 515; wing area, '38, 515; misc. '31, 542-544^a, '35, 371^a, 481^a, '36, 22, 87^a, 88^a, 287^a, 313, 373^a, '37, 5, 96^a, 300^a, '38, 197^a, 585^a, 617^a, '39, 307^a, '40, 131^a, 252^a, 434^a.
- mochae*, Chile, '35, 213.
nigrideus, N. F. '40, 269.
nudigenys, tax. '32, 133.
obscurus, Germ. '39, 355.
phaeopygus, tax. '32, 133.
phillipsi (Vera Cruz Robin), Mex. '40, 240.
plebejus, Pan. '39, 306.
poliocephalus (*Gray-headed Blackbird), misc. '36, 459^a.
propinquus (*Western Robin, Robin), Nev. '35, 467^a; Wash. '39, 483^a.—egg, '40, 45^a; fd. '39, 483^a; meas. '36, 24-26; misc. '36, 22.
ruficollis, misc. '36, 123.
rufiventris (Rufous-bellied Thrush), Braz. '38, 43.—cowbird host, '38, 43.
sibiricus, Germ. '39, 355; Italy, '31, 642.
stresemanni, Java, '39, 99.
subalaris, Argent. '38, 584.
torquatus, Algiers, '31, 638.
- Turkestan.**
 Meinertzhagen, R., '38, 695 (rev.).
- Turkewitsch, B. G.**
 Ueber das Gehörorgan der Vögel. das knöcherne innere Ohr des *Pterocles alchata caudatus* Gm. (rev.), '37, 422.
- Turkey.**
 Kleiner, A., '40, 590 (rev.).
- Turkey, Brush, see** *Alectura lathamii* and *Leipoa ocellata*.
 Eastern, see *Meleagris silvestris*.
 Florida, see *Meleagris osceola*.
 Merriam's, see *Meleagris merriami*.
 Ocellated, see *Agriocharis ocellata*.
 Rio Grande, see *Meleagris intermedia*.
 Water, see *Anhinga anhinga*.
 Wild, see *Meleagris gallopavo* and *M. silvestris*.
- Turnicidae**, hbt. '40, 175; incub. '40, 317.
Turnix, *behav.* '40, 170-173; hbt. '40, 323.
- blanfordi** (*bmaculatus*), Siam. '37, 407^b.
fasciata (Philippine Button-quail), P. I. '38, 203-204.—hbt., *nid.*, '38, 204.
kuiperi, Billiton I. '38, 570.
lepurana, Afr. '40, 317.—hbt. '40, 177; incub. '40, 317.
luciana (Lesser Button-quail), Kenya, '32, 390.—misc. '32, 389.
ocellata (Spotted Button-quail), P. I. '38, 204.—hbt., *nid.*, '38, 204.
varia, hbt. '40, 178.
- Turnstone, see *Arenaria morinella*.
 Black, see *Arenaria melanocephala*.
 European, see *Arenaria interpres*.
 Ruddy, see *Arenaria morinella*.
turonensis (Emberiza), see *Emberiza*.
- Turtur**, hbt. '40, 176.
turtur (*Pachyptila*), see *Pachyptila*.
 — (*Streptopelia*), see *Streptopelia*.
- Tuttle, Henry Emerson.**
 Mockingbird nesting on Nantucket, Massachusetts, '31, 130.
- Twining, Mrs. Frances Staver.**
 Bird watching in the west (rev.), '32, 377.
- Twining, Howard.**
 The significance of combat in male rosy finches (rev.), '39, 207-208.
 Foraging behavior and survival in the Sierra Nevada rosy finch (rev.), '40, 277.
- Twomey, Arthur Cornelius.**
 Breeding habits of Bonaparte's gull, '34, 291-296.
- Twomey, A. C., and Black, C. T.**
 Chuck-will's-widow in Illinois, '36, 83.
- Twomey, A. C., and Twomey, Sarah J.**
 Selenium and duck sickness (rev.), '40, 277.
- Tyler, Bruce Philips.**
 Blue goose in Hawkins County (rev.), '38, 582-583.
- Tyler, Winsor Marrett.**
 The starling as a mimic, '33, 363.
 A note used during migration by the yellow warbler, '37, 395-396.
- Tyler, W. M., and Allen, F. H.**
 see Allen and Tyler.
- Tympanuchus americanus** (*Greater Prairie Chicken, Prairie Chicken, Prairie Hen, Pinnated Grouse), Ind. '33, 356-357; Ia. '33, 124, '36, 361^a, '39, 200^a; Mich. '35, 362; Minn. '40, 274^a; Mo. '38, 142^a; Neb. '39, 109^a; N. D. '36, 367; O. '35, 321; Pa. (?), '38, 274; Va. '33, 191^a; Wisc. '31, 296-297, '39, 495^a; Wyo. '34, 538^a.—*conserv.* '31, 296-297; *dist.* '38, 274; hbt. '36, 367; *status*, '40, 282^a; *misc.* '37, 47^a, 323^a, 535^a, '38, 531^a, 586^a.

cupido (*Heath Hen), *N. J.* '38, 527-528.—*dist.* '38, 274*; *misc.* '31, 480*; '32, 524*; '38, 585*.
pallidicinctus (*Lesser Prairie Chick-en), *Colo.* '34, 538*; *Okla.* '37, 176*, 345*, '38, 501*.—*misc.* '38, 65*.
 typhicola (Geothlypis), see Geothlypis.
 typhoea (Porzana), see Porzana.
 typhoius (Buteo), see Buteo.
Tyranni, eye, '38, 239.
Tyrannidae, eye, '38, 239; *hbt.* '40, 176; *plm.* '36, 166; *song*, '38, 264, 266; *misc.* '38, 665.
 tyrannina (Cercomacra), see Cercomacra.
Tyrannula obscura, *tax.* '39, 311.
Tyrannulus panamensis, *Pan.* '33, 305.
 tyrannulus (Sericornis), see Sericornis.
Tyrannus, *Peru.* '38, 312.—*hbt.* '38, 220.
 dominicensis (*Gray Kingbird), *Antigua*, '34, 362; *Fla.* '31, 251, '35, 89; 462, '36, 100*, 219*; *Ga.* '34, 253; *Hond.* '37, 102; *Mass.* '32, 87.—*egg*, '35, 89.
 melancholicus (Bellicose Tyrant), *Argent.*, *Parag.*, '31, 55.—*hbt.* '31, 55.
 obscurus, *Peru.* '38, 312.
 occidentalis (*West Mexican Kingbird), *Aris.* '40, 117, 258*.—*note*, '40, 117.
 tyrannus (*Eastern Kingbird, Kingbird), *Ia.* '34, 538*, '35, 89; *La.* '37, 293; *Me.* '37, 208, '40, 418; *Minn.* '34, 231; *Mo.* '34, 538*; *Mont.* '38, 46; *N. J.* '36, 394*, 448, '40, 418; *O.* '31, 369; *Ont.* '39, 16; *Pan.* '31, 120*, '33, 32, '35, 326; *Pa.* '31, 260*; *Que.* '31, 245*; *S. C.* '36, 313; *Va.* '33, 452*.—*behav.* '31, 260*; *cowbird host*, '38, 46; *egg*, '40, 45*, 57*; *feather count*, '36, 166*; *flight*, '33, 236*, 315*, 452*; *fd.* '33, 452*; *hbt.* '34, 231, '35, 89; *incub.* '40, 57*, 59*; *mig.* '36, 397*, '37, 47*, '39, 16; *song*, '38, 266*; *misc.* '33, 236*, '36, 83, 138, '38, 167, 682*.
 verticalis (*Arkansas Kingbird), *Fla.* '31, 270, '35, 320, '38, 536; *Ill.* '38, 125; *Me.* '37, 208, '40, 418; *Md.* '32, 88, '39, 86; *Mass.* '31, 270, '34, 237, '35, 187; *Mich.* '33, 107, '38, 125, 145*, '39, 99*; *N. J.* '36, 448, '40, 418; *N. Y.* '33, 446, '34, 398; *N. C.* '36, 83; *N. S.* '38, 549; *O.* '31, 123, '34, 85; *Okla.* '36, 433; *Ont.* '38, 300*; *Ore.* '40, 119*; *Pa.* '40, 578; *S. C.* '38, 536; *Va.* '32, 89, '33, 197; *Wisc.* '31, 603, '36, 83, '39, 86.—*flight*, '33, 315*; *song*, '39, 188*; *misc.* '40, 117*.
 vociferans (*Cassin's Kingbird), *Aris.* '39, 323; *Colo.* '39, 85; *Okla.* '36, 432, '38, 504, '39, 85-86.—*song*, '39, 188*.

vorax (Large-billed Kingbird), *Antigua*, '34, 362.—*fd.* '34, 362.
 tyrannus (Muscivora), see Muscivora.
 — (Tyrannus), see Tyrannus.
 Tyrant, Banded Brown, see Myiophobus fasciatus.
 Bellicose, see Tyrannus melancholicus.
 Blue-billed Black, see Knipolegus cyanostris.
 Fork-tailed, see Muscivora tyrannus.
 Short-winged, see Machetornis rixosa.
 White-headed Marsh, see Arundinicola leucocephala.
 White-shouldered Water, see Fluvicola pica.
Tyrrell, William Bryant.
 Cinnamon teal (Querquedula cyanoptera) in Michigan, '31, 109-110.
 Little blue herons (Florida caerulea) and egret (Casmerodius egretta) in Michigan, '31, 114.
 Late pine grosbeaks (Pinicola enucleator leucura), '31, 126.
 Notes from Whitefish Point, Michigan, '31, 131.
 Cinnamon teal in Michigan.—a correction, '31, 414-415.
 Bird notes from Whitefish Point, Michigan, '34, 21-26.
 The ospreys of Smith's Point, Virginia, '36, 261-268.
 Nesting of the turkey vulture, '38, 468-470.
tysoni (Centurus), see Centurus.
Tyto (^bHeliodilus), *Mad.* '37, 214*.—*misc.* '36, 51.
 alba (*European Barn Owl, Barn Owl), *Engl.* '38, 577*; *Germ.* '39, 346*; *Rogaland*, '34, 124; *Switz.* '38, 569*.—*fd.* '34, 258-259, '35, 487*, '38, 577*; *foot*, '36, 52; *hbt.* '38, 299*; *hist.* '40, 417-418*; *mig.* '35, 351; *nomen.* '40, 418*; *paras.* '38, 569*; *plm.* '39, 196*; *wt.* '38, 299*.
 amauronota (Grass Owl), *P. I.* '38, 211.—*hbt.*, *mid.*, '38, 211.
 glaucoptis (Hispaniolan Barn Owl), *Dom. Rep.* '34, 502.
 guatemalae, *plm.* '37, 304.
 guttata, *age*, *hbt.*, '38, 307.
 hellmayri, *Bras.* '37, 562.
 insularis (*Grenada Barn Owl), *misc.* '35, 417*.
 libratus, *Kenya*, '35, 342, '36, 240.
 pollens, *Bah. I.*, *extinct*, '38, 311.
 pratincola (*Barn Owl, ^bAluco), *Ark.* '31, 237; *Atlantic*, '32, 86*; *Calif.* '38, 308*; *Conn.* '34, 521; *Fla.* '31, 438; *Ill.* '34, 100, '35, 101, 464, '36, 348, '40, 571; *Kans.* '39, 276-277*; *Me.* '33, 220; *Mass.* '31, 599, '34, 521; *Mich.* '35, 201,

'38, 191-196; *N. J.* '36, 395^a; *N. Y.* '34, 393, '35, 451; *N. C.* '32, 363; *O.* '32, 221; *Pa.* '38, 304^a, '39, 187.—*age*, '40, 276^a; *behav.* '37, 412^a; *blood*, '37, 517; *egg*, '40, 56^a; *flight*, '38, 196; *fd.* '35, 451, '37, 412^a, '38, 192, 194, 308^a, '39, 187; *hbt.* '32, 221, '38, 194, 308^a; *incub.* '40, 56^a, 59^a; *mortality*, '40, 571; *nest*, '31, 599, '36, 348; *pellets*, '38, 191-194, '39, 187; *wt.* '31, 573, '38, 516; *wing area*, '38, 516; *misc.* '31, 268, '36, 72^a, 241^a, '39, 94^a, '40, 262^a.
soumagnii, *Mad.* '35, 414-417.—*ost.* '35, 414-417.

Tytonidae, *tax.* '38, 179.

tzacatl (Amazilia), see Amazilia.

tzitzihoa (Dafila), see Dafila.

U

Uchida, Scinosuke.

Birds of Mt. Fuji (rev.), '31, 626-627.

Uchida, S., et al.

Birds of Jehol (rev.), '35, 476.

ugandae (Anthreptes), see Anthreptes.

— (Lybius), see Lybius.

Uhler, Francis Morey, and Cottam, C.
see Cottam and Uhler.

Uhler, F. M., and Martin, A. C.
see Martin and Uhler.

Ulke, Titus.

Rare birds in the District of Columbia, '35, 461.

ultima (Elaenia), see Elaenia.

ulula (Surnia), see Surnia.

umbelloides (Bonasa), see Bonasa.

— (Tetrao), see Bonasa.

umbellus (Bonasa), see Bonasa.

umbratile (Dicaeum), see Dicaeum.

umbrina (Ciccaba), see Ciccaba.

— (Claravis), see Claravis.

umbrinus (Automolus), see Automolus.

— (Buteo), see Buteo.

— (Pheugopedius), see Pheugopedius.

undatus (Lybius), see Lybius.

Underdown, Charles Eliot, 1907-1932.

Original publication of Chionophilos
alpestris insularis, '31, 441.

On the status of Chlorospingus olivaceus (Bonaparte), '31, 612.

Prothonotary warbler breeding in west-central Michigan, '31, 612-613.

Obituary, '32, 272-273, '33, 83.

Notes on some birds from Santa Catharina, Brazil, '33, 323-324.

Underhill, Adna Heaton.

A bud-eating ring-necked pheasant, '40, 566.

undulata (Chlamydotis), see Chlamydotis.

— (Houbara), see Chlamydotis.

undulatus (Celeus), see Celeus.

— (Melopsittacus), see Melopsittacus.

— (Rhyticeros), see Rhyticeros.

Ungava.

Lewis, H. F., '37, 80-88.

ungavus (Lagopus), see Lagopus.

unicolor (Aphelocoma), see Aphelocoma.

— (Cinclus), see Cinclus.

— (Cyanoramphus), see Cyanoramphus.

— (Mesoenas), see Mesoenas.

unicornis (Pauxi), see Pauxi.

unirufa (Tchitreia), see Tersiphone.

— (Tersiphone), see Tersiphone.

unitatis (Hirundo), see Hirundo.

unwini (Caprimulgus), see Caprimulgus.

Upucerthia, *Peru*, '39, 205.

aricomae, *Peru*, '32, 254.

excelsior, *Ecuad.* '34, 152.

Upupa *epops* (^aHoopoe, Egyptian

Hoopoe), *Germ.* '37, 413.—*band.* '37,

413; *hbt.* '40, 176; *mig.* '37, 413; *misc.*

'36, 19^a, 475^a.

Upupae, *Germ.* '39, 345.

Uraeginthus *granatinus*, *Afr.* '40, 321.—

fledg. '40, 321; *incub.* '40, 321; *misc.*

'38, 135.

uralense (Strix), see Strix.

uralensis (Falco), see Falco.

urbica (Chelidonaria), see Chelidonaria.

— (Delichon), see Chelidonaria.

— (Martula), see Chelidonaria.

Uria *aalge* (^aAtlantic Murre, Common

Murre, Guillemot, ^bRinged Murre,

White-eyed Murre, ^cringvia, ^bPoule de

Mer), *Atlantic*, '32, 185; *G. Br.* '38,

530-531^b; '40, 428^b; *Helg.* '39, 108; *Ice.*

'37, 109^a; *N. Am.* '40, 434^a; *Nor.* '34,

124; *N. S.* '37, 381^a; *Que.* '36, 32, '38,

530.—*band.* '39, 108; *behav.* '40, 38^a; *dist.*

'33, 204, '38, 56-61; *egg*, '40, 55^a, 570^a;

incub. '40, 55^a, 58^a; *mt.* '38, 529-530,

'39, 81; *nomen.* '40, 76^{ad}; *pl.* '38, 56, 530;

plm. '40, 272^a; *syn.* '38, 56-61^a; *misc.*

'36, 59^a, 63^b, 468^a, '39, 356^a.

albionis, *misc.* '38, 59.

californica (^aCalifornia Murre), *Ore.*

'33, 216.—*anat.* '37, 404; *eye*, '38, 242^a,

243^a; *misc.* '39, 152^a.

inornata, *misc.* '34, 540.

lomvia (^aBrünnich's Murre, Brünnich's

Guillemot), *Atlantic*, '32, 185;

Baf. I. '40, 17^a; *Can.* '40, 13^a; *Ice.* '37,

109^a; *Labr.* '37, 33; *Mass.* '32, 492, '33,

217, 435; *N. J.* '32, 219; *N. Y.* '33,

217, '34, 376; *Ont.* '33, 360; *Que.* '31,

245^a, '33, 360, '37, 32-33; *Va.* '33,

196.—*egg*, '40, 55^a; *fd.* '33, 361, '37, 33;

incub. '40, 55^a, 58^a; *meas.* '37, 33; *mig.*

'33, 435; *wt.* '37, 33.

Urner, Charles Anderson, 1882-1938.

- Black vulture (*Coragyps urubu*) in New Jersey, '31, 116-117.
 Solitary vireo (*Lanivireo solitarius*) nest building in New Jersey, '31, 128.
 The shore-bird flight of 1930 on the New Jersey coast, '31, 418-422.
 Mute swan in New Jersey, '32, 213.
 Blue-winged teal nesting in New Jersey, '32, 215.
 Breeding willet of New Jersey, '32, 218.
 Northern raven in New Jersey, '32, 223.
 The European cormorant in New Jersey, '32, 341-342.
 Eastern glossy ibis in New Jersey, '32, 459.
 The shore-bird flight of 1931 on the New Jersey coast, '32, 470-474.
 Phalaropes in New Jersey in spring, '32, 475-476.
 Clay-colored sparrow in New Jersey, '32, 491.
 Avocets in New Jersey, '33, 100.
 The ruff in New Jersey, '33, 101.
 The voice of the golden plover, '33, 420-425.
 [Obituary of] Warren Francis Eaton, '36, 255-256.
 Obituary, '38, 700-701, '39, 122.
Uroaetus audax (*Wedge-tailed Eagle), *fd.*, *hbt.*, '37, 111*.
Urocissa, *Burma*, '39, 499.
 alticola, *Yunnan*, '38, 689.—*nomen*. '38, 689.
 caerulea, *nomen*. '38, 689.
 robini, *Siam*, '39, 345.
Urodynamis taitensis (Long-tailed Cuckoo), *dist.*, *hbt.*, *mig.*, '38, 145.
urogallus (Tetrao), see Tetrao.
Uroglaux, see Athene.
Uroloncha everetti (Everett's Weaver), *P. I.*, '38, 223.—*hbt.*, *nid.*, '38, 223-224.
Uropelia figginsii, *Braz.*, '32, 257.
urophasianus (Centrocerus), see Centrocerus.
uropygialis (Centurus), see Centurus.
 — (*Limosa*), see Limosa.
 — (*Ramphocelus*), see Ramphocelus.
Urubitinga anthracina (*Mexican Black Hawk, *b*Buteogallus), *Hond.*, '36, 188^b; *Mex.*, '39, 151; *N. M.*, '39, 151; *Pan.*, '38, 144^b; *Tex.*, '33, 61.—*colors*, '36, 188^b; *dist.*, '39, 150; *fd.*, '36, 188^b, '39, 151; *misc.*, '39, 169*.
 micronyx (*b*Buteogallus), *Aris.*, '38, 309^b.—*type loc.*, '38, 309^b.
urubu (Catharista), see *Coragyps atratus*.
 — (*Coragyps*), see *C. atratus*.
Uruguay.
 Alvarez, T., '34, 414 (rev.).
urungensis (Barbatula), see Barbatula.
Urutau, see *Nyctibius cornutus*.
usambara (Hyllota), see Hyllota.
Ussher, Richard Davy.
 Red-wing parasitized by the cowbird, '38, 545-546.
 Additional notes on the fauna of King Township, York County, Ontario (rev.), '40, 132.
ustulata (Hyllocichla), see Hyllocichla.
Utah.
 Baumgartner, F. M., '34, 537-538.
 Behle, W. H., '38, 689 (rev.), '39, 99 (rev.).
 Bishop, L. B., '39, 200 (rev.).
 Cottam, C., and Williams, C. S., '40, 126 (rev.).
 Croft, G. Y., '32, 91.
 Fisher, A. K., '37, 389-390.
 Griner, L., '37, 98, 99-100, 574.
 Hargrave, L. L., '40, 127 (rev.).
 Knowlton, G. F., '38, 300 (rev.), 303 (rev.).
 Long, W. S., '36, 231-232.
 Stanford, J. S., '31, 611, 618-620.
 Sugden, J. W., '32, 81, '36, 288-294, '38, 582 (rev.).
 Wetmore, A., '39, 110 (rev.).
 Williams, C. S., and Trowbridge, A. H., '39, 77.
 Woodbury, A. M., '40, 133 (rev.).
utahensis (Agelaius), see Agelaius.
 — (*Otocoris*), see Otocoris.
Uttal, Leonard Jordan.
 Subspecies of the spruce grouse, '39, 460-464.
 Muscle atrophy in a crow, '40, 573-574.
uzungwensis (Francolinus), see Francolinus.

V

- vagabundus* (Moris), see Moris.
Vaiden, Meredith Gordon.
 Feeding and nesting of the Mississippi kite (rev.), '38, 156-157.
 Lapland longspurs in Bolivar County, Mississippi, '39, 343.
 Stilt sandpiper in Mississippi (rev.), '39, 500.
 Eastern purple finch in Mississippi (rev.), '40, 132.
 Additional notes on the Mississippi kite (rev.), '40, 132.
 Notes on birds of Mississippi (rev.), '40, 132.
 Blue goose in Mississippi (rev.), '40, 594.
valisineria (Marila), see Nyroca.
 — (*Nyroca*), see Nyroca.
Van Beneden, Alfred.
 Influence de la multiplication des campagnols des champs sur le nombre des rapaces (rev.), '40, 440.

- Van Dersal, William Richard.**
Birds that feed on Russian olive, '39, 483-484.
- Van Gorder, William B.**
see Esten, S. R., '31, 572-574.
- Van Oordt, G. J.**
Beobachtungen über paläarktische Limicolen in Süd-Afrika (rev.), '39, 500.
Over de noordelijkste verspreidingsgrens van enkele Antarktische zeevogelsoorten in den Atlantischen Oceaan (rev.), '39, 500.
A juvenile black-headed gull (*Larus ridibundus* L.) attacked by a pomarine skua (*Stercorarius pomarinus* (Temm.)) (rev.), '40, 440.
- Van Oort, Eduard Daniel, 1876-1933.**
Obituary, '34, 69, 562.
- Van Rossem, Adriaan Joseph.**
Concerning some *Polioptilae* of the west coast of Middle America, '31, 33-39.
Critical notes on some yellow-throats of the Pacific southwest (rev.), '31, 153.
The Sonoran races of *Comptostoma* and *Platypsaris* (rev.), '31, 307.
A new race of gilded flicker from Sonora (rev.), '31, 307.
Four new birds from northwestern Mexico (rev.), '31, 307-308.
Report on a collection of land birds from Sonora (rev.), '31, 454-455.
Descriptions of new birds from the mountains of southern Nevada (rev.), '31, 644-645.
The black-tailed gnatcatcher of middle Lower California (rev.), '32, 133.
Notes on the races of *Saltator grandis* (Lichtenstein) (rev.), '32, 133.
A Lower California record of the northern violet-green swallow, '32, 482.
The type of the black-headed grosbeak, '32, 489.
On the validity of the San Clemente Island Bell's sparrow, '32, 490-491.
The avifauna of Tiburon Island, Sonora, Mexico (rev.), '33, 143.
El Salvador races of *Dactylortyx thoracicus* (rev.), '33, 143.
A southern race of the spotted screech owl (rev.), '33, 143.
A northern race of *Melospiza rubricapita* (rev.), '33, 381.
The types of three birds described from California (rev.), '34, 116.
A new solitary vireo from Central America (rev.), '34, 116.
Notes on some types of North American birds (rev.), '34, 548-549.
[New American birds] (rev.), '34, 549.

- Critical notes on Middle American birds (rev.), '35, 208.
The mangrove warbler of northwestern Mexico (rev.), '35, 480.
A new race of brown towhee from the Inyo region of California (rev.), '35, 480.
The bush-tit of the southern Great Basin, '36, 85-86.
Notes on the forms of *Spizella atrogularis* (rev.), '36, 119.
A red phase of the black-crowned night heron, '36, 322-323.
Birds of the Charleston Mountains, Nevada (rev.), '36, 353-354.
Description of a race of *Myiarchus cinerascens* from El Salvador (rev.), '36, 359.
The orange-bellied redbird of western Central America (rev.), '36, 360.
Notes on birds in relation to the faunal areas of south-central Arizona (rev.), '36, 471.
The type of *Falco cooperii* Bonaparte, '37, 203.
An overlooked race of the California quail, '39, 68-69.
The identity of *Forpus cyanopygius* (Souancé), '39, 70.
The identity of *Garrulus sordidus* Swainson, '39, 86-87.
The authority for the name of the long-tailed chat, '39, 87.
[Descriptions of twenty-one new races of *Fringillidae* and *Icteridae* from Mexico and Guatemala] (rev.), '39, 109.
A northwest race of the cinnamon hummingbird (rev.), '39, 109.
A race of the green kingfisher from northwestern Mexico (rev.), '39, 109.
A new race of sharp-shinned hawk from Mexico, '39, 127-128.
A new race of becard from northeastern Mexico (rev.), '39, 208.
A Colorado Desert race of the summer tanager (rev.), '39, 208.
Descriptions of three new birds from western Mexico (rev.), '39, 208.
A race of yellow-breasted chat from the tropical zone of southern Sonora (rev.), '40, 132.
A race of warbling vireo from Guerrero, Mexico (rev.), '40, 594.
Notes on some North American birds of the genera *Myiodynastes*, *Pitangus*, and *Myiochanes* (rev.), '40, 594.
- Van Rossem, A. J., and Dickey, D. R.**
see Dickey and van Rossem.

- Van Rossem, A. J., and Hachisuka, Marquess.**
 A new bat falcon from Sonora (rev.), '38, 309.
 The blue-gray gnatcatcher of southern Sonora (rev.), '38, 309.
 A northwestern race of the Mexican black hawk (rev.), '38, 309.
 A new hummingbird of the genus *Saucerottia* from Sonora, Mexico (rev.), '38, 583.
 A new race of cliff swallow from northwestern Mexico (rev.), '39, 208.
 A dimorphic subspecies of the bush-tit from northwestern Mexico (rev.), '39, 208.
- Van Schaick, John, Jr.**
 The little hill farm or cruising in Old Schoharie (rev.), '31, 301-302.
- Van Someren, Victor Gurnet Logan.**
 A new race of sunbird from eastern Africa (rev.), '39, 500.
- Van Tyne, Josselyn.**
 [Field work in Guatemala], '31, 331.
 The Arkansas kingbird in Michigan, '33, 107-108.
 Some birds of the Rio Grande Delta of Texas (rev.), '33, 250.
 A new solitary vireo from British Honduras (rev.), '33, 250.
 [Obituary of] Edward Bruce Williamson, '34, 134.
 Pinicola enucleator eschatosus in Michigan and Ohio, '34, 529-530.
 Spizella breweri taverneri in Texas, '36, 92.
 The birds of northern Peten, Guatemala (rev.), '36, 117.
 Snowy egret in Michigan, '36, 322.
 The discovery of the nest of the Colima warbler (*Vermivora crissalis*) (rev.), '36, 471.
 South American pied-billed grebe in the Canal Zone, '37, 379.
 Double-crested cormorant breeding in Michigan, '37, 381.
 Check list of the birds of Michigan (rev.), '39, 98-99.
 The Yucatan form of the West Indian cliff swallow (*Petrochelidon fulva*) (rev.), '39, 208.
 Kirtland's warbler at Kalamazoo, Michigan, '39, 480-481.
- Van Tyne, J., and Bangs, O.**
 see Bangs and Van Tyne.
- Van Tyne, J., and Sutton, G. M.** (See also Sutton and Van Tyne).
 The birds of Brewster County, Texas (rev.), '38, 157.
- Van Tyne, J., and Trautman, M. B.**
 see Trautman and Van Tyne.
- vandepolli** (*Carpophaga*), see *Ducula consobrina*.
- Vanellus vanellus** (*Lapwing), *Alas.* '39, 153; *Engl.* '39, 356*, 358*, 493*; *Finl.* '38, 578*; *G. Br.* '40, 428*; *Holl.* '36, 365; *N. Y.* '39, 332; *N. C.* '39, 153; *R. I.* '34, 247.—*dist.* '39, 153; *flight*, '40, 275*; *fd.* '39, 153; *mig.* '38, 579, '39, 153; *misc.* '36, 123, 253*, '37, 359*, '39, 205*.
- vanheurni** (*Spizaetus*), see *Spizaetus*.
- vanikorensis** (*Collocalia*), see *Collocalia*.
- vanrossemi** (*Chloroceryle*), see *Chloroceryle*.
 — (*Momotus*), see *Momotus*.
varia (*Mniotilta*), see *Mniotilta*.
 — (*Strix*), see *Strix*.
 — (*Turnix*), see *Turnix*.
variabilis (*Amaurornis*), see *Amaurornis*.
variegata (*Casarca*), see *Casarca*.
 — (*Mesoenas*), see *Mesoenas*.
variegaticeps (*Xenicopsoides*), see *Xenicopsoides*.
variegatus (*Crypturus*), see *Orthocrypturus*.
 — (*Indicator*), see *Indicator*.
 — (*Lagopus*), see *Lagopus*.
 — (*Numenius*), see *Phaeopus*.
 — (*Orthocrypturus*), see *Orthocrypturus*.
 — (*Phaeopus*), see *Phaeopus*.
varium (*Syrnium*), see *Strix varia*.
varius (*Empidonomus*), see *Empidonomus*.
 — (*Fregilupus*), see *Fregilupus*.
 — (*Ixoreus*), see *I. naevius*.
 — (*Phalacrocorax*), see *Phalacrocorax*.
 — (*Sphyrapicus*), see *Sphyrapicus*.
- Vasicek, John Matthew.**
 Albino ring-neck pheasant, '35, 184.
- vasta** (*Microligea*), see *Microligea*.
- Vasvari, N.**
 On the food of *Ardea purpurea* (rev.), '32, 259.
- Vaughan, William Coleman.**
 Hoary redpoll (*Acanthis hornemanni exilipes*) in New Hampshire, '36, 341.
- vauxi** (*Chaetura*), see *Chaetura*.
- Veery**, see *Hylocichla fuscescens*.
- velatus** (*Geothlypis*), see *Geothlypis*.
- velox** (*Accipiter*), see *Accipiter*.
 — (*Geococcyx*), see *Geococcyx*.
- Venables, L. S. V.**
 Birds seen in two winter transects of the north Atlantic (rev.), '38, 583.
- Venezuela.**
 Chapman, F. M., '32, 245-247 (rev.), '40, 270 (rev.).
 Gilliard, E. T., '39, 355 (rev.), '40, 588 (rev.).
 Griscom, L., '37, 530.

- Phelps, W. H., '39, 358 (rev.).
 Riley, J. H., '33, 249 (rev.).
 Wetmore, A., '35, 328-329, '39, 501 (rev.), '40, 277 (rev.).
 Yépez, A. F., et al., '40, 595 (rev.).
 Zimmer, J. T., '39, 110 (rev.).
- ventorum (Pyrgilauda), see Pyrgilauda.
 ventralis (Ixos), see Ixos.
 venustus (Aletornis), see Fulica-aletornis.
 — (Fulica-aletornis), see Fulica-aletornis.
 veraepacis (Automolus), see Automolus.
 veraguensis (Sittasomus), see Sittasomus.
 Verdin, see Auriparus flaviceps.
 Arizona, see Auriparus flaviceps.
 verecundus (Buarremon), see Buarremon.
 veredus (Bathornis), see Bathornis.
 — (Charadrius), see Eupoda.
 — (Eupoda), see Eupoda.
 vergens (Pteroglossus), see Pteroglossus.
 Verlaine, L.
 L'instinct et l'intelligence chez les oiseaux. VI (rev.), '37, 570.
 vermiculatus (Megascops), see Otus.
 — (Otus), see Otus.
- Vermivora**, *hyb.* '36, 286.
bachmani (*Bachman's Warbler), *Fla.* '34, 89; *Ind.* '36, 373^a; *La.* '39, 90; *Va.* '33, 197.
celata (*Orange-crowned Warbler), *Ark.* '36, 350; *Conn.* '35, 192; *Fla.* '31, 247^a, 253; *Me.* '35, 192; *N. Y.* '35, 191; *Pa.* '32, 234; *W. Va.* '39, 187-188.
chrysoptera (*Golden-winged Warbler), *Ala.* '38, 282^a; *Ill.* '38, 541-542, '39, 340; *Me.* '40, 420; *Md.* '33, 440; *Mass.* '31, 565; *N. H.* '36, 450^a; *N. C.* '32, 363; *O.* '33, 441, '36, 229; *Pan.* '31, 121^a; *Pa.* '32, 355; *Que.* '31, 243^a; *S. C.* '36, 314.—*fd.* '33, 440; *hyb.* '36, 414, '39, 340; *song.* '34, 504^a, '36, 286^a.
crissalis (Colima Warbler), *Tex.* '35, 218, '38, 157.—*misc.* '36, 471.
lawrencei (Lawrence's Warbler), *Conn.* '37, 235; *Del.* '34, 242; *O.* '34, 526.—*nomen.* '33, 151.
leucobronchialis (*Brewster's Warbler), *Fla.* '35, 320; *Ill.* '38, 540-542, '39, 340; *Mich.* '31, 613, '35, 100; *N. H.* '36, 450; *N. C.* '33, 116; *O.* '33, 116, 441, '34, 526; *Pa.* '31, 434, '32, 355; *Va.* '33, 192.—*behav.* '38, 541; *fd.* '38, 541; *nomen.* '33, 151; *plm.* '38, 541; *song.* '33, 116.
lutescens (Lutescent Warbler), *Mex.* '35, 256.
mexicana (Mexican Hartlaub's Warbler, ^bsuperciliosa), *Mex.* '40, 237^b, 241.
oresteria, *tax.* '35, 481, '36, 104.
peregrina (*Tennessee Warbler), *Ala.* '38, 282^a; *D. C.* '38, 679^a; *Me.* '37, 308^a; *N. Y.* '35, 197; *N. C.* '33, 117, 232; *Pan.* '31, 121^a; *Wyo.* '34, 256.—*destr.* '38, 679^a; *feather count.* '36, 167^a; *mig.* '34, 256; *song.* '34, 505^a; *wt.* '38, 443.
pinus (*Blue-winged Warbler), *Ala.* '38, 282^a; *Conn. Val.* '32, 493; *D. C.* '38, 679^a; *Ga.* '32, 364; *Ill.* '38, 541-542, '39, 340, 341; *Md.* '38, 542; *Mass.* '31, 130, '32, 102, 493, '40, 522^a; *N. H.* '36, 89; *O.* '33, 441, '34, 386^a; *Pan.* '33, 306; *Pa.* '32, 355; *Wisc.* '40, 116^a.—*behav.* '40, 520^a; *cowbird host.* '34, 386^a; *destr.* '38, 679^a; *hbt.* '38, 101, 105^a; *hyb.* '36, 414, '39, 340, '40, 116^a; *song.* '36, 286^a, '38, 266-267^a, 541, '39, 340-341.
ridgwayi (Calaveras Warbler), *Mont.* '34, 89.—*meas.* '36, 24-26; *misc.* '36, 23.
ruficapilla (*Nashville Warbler), *Ala.* '35, 93, '38, 282-283^a; *Ill.* '40, 115-116; *Mass.* '31, 64; *Mex.* '40, 241; *Mich.* '40, 116; *Okla.* '38, 506; *Ont.* '39, 16, 18^a; *Que.* '31, 245^a; *Va.* '31, 276; *W. Va.* '33, 222^a; *Wisc.* '40, 115-116; *Wyo.* '34, 256.—*behav.* '40, 115; *hbt.* '31, 64, '33, 222^a; *hyb.* '40, 116; *mig.* '34, 256, '39, 16; *song.* '34, 505^a; *wt.* '38, 443; *misc.* '36, 23, '39, 206^a.
virginiae (Virginia's Warbler), *Ariz.* '39, 324; *Calif.* '32, 107; *Colo.* '38, 176-178; *Ida.* '38, 125.—*hbt.*, *nid.*, *not.*, *pl.*, '38, 176-178; *wt.* '38, 125.
- vermivorus (Helmitheros), see Helmitheros.
Vermont.
 Eliot, S. A., Jr., '39, 177-178.
 Fortner, H. C., et al., '33, 456-457.
 Marble, R. M., '39, 176.
 Ross, L. H., '34, 75.
 Smith, W. P., '33, 414-419, '36, 218, '38, 552.
 Wallace, G. J., '37, 547-548.
- vernayi (Cyornis), see Cyornis.
 — (Dendrocitta), see Dendrocitta.
 — (Gymnobucco), see Gymnobucco.
 — (Leucocirca), see Leucocirca.
 — (Mesia), see Mesia.
 vero (Larus), see Nyctanassa violacea.
 verreauxi (Leptotila), see Leptotila.
 — (Rhipidura), see Rhipidura.
 versicolor (Amazona), see Amazona.
 — (Passerina), see Passerina.
 — (Quiscalus), see Q. aeneus.
 verticalis (Tyrannus), see Tyrannus.
 vespertina (Hesperiphona), see Hesperiphona.
 vespertinus (Erythropus), see Erythropus.
 — (Falco), see Falco.

vestigialis (Gallinula), see Gallinula.
Vestipedes tibialis, *tax.* '35, 213.
 vestita (Alcedo), see Chloroceryle amazona.
 vetula (Ortalis), see Ortalis.
 — (Penelope), see Ortalis.
 vexillarius (Semelophorus), see Semelophorus.
 vicarius (Spizaetus), see Spizaetus.
 vicinior (Crypturellus), see Crypturellus.
 — (Vireo), see Vireo.
 victoria (Goura), see Goura.
Victoriornis imperialis (*White Dodo), *Reunion I.* '39, 351.
 vidalii (Athene), see Athene.
Vidua, *tax.* '34, 122, 425.
 hypochera, *misc.* '38, 135.
 hypocherina, *misc.* '38, 135.
 macroura (Pin-tailed Whydah), *Afr.* '37, 216, '40, 496.—*hbt.* '37, 216–217; *hosts*, '38, 138.
 principalis (Pintail Whydah), *Afr.* '40, 487.—*fd.* '40, 487; *mlt.* '40, 487–497; *plm.* '40, 487–488; *wt.* '40, 490.
 viduata (Dendrocygna), see Dendrocygna.
Viduinae, *disease*, '40, 332.
Viehmeyer, Glenn.
 Is the prairie chicken passing? (rev.), '39, 109.
 vigilans (Burhinus), see Burhinus.
 vigorsi (Dendroica), see D. pinus.
 villosus (Dryobates), see Dryobates.
 vinaceus (Megascops), see Otus.
 — (Otus), see Otus.
Vinango, *Afr.* '40, 317.—*incub.* '40, 317.
 delandi, *syn.* '37, 409.
 granti, *tax.* '37, 409.
 orientalis, *tax.* '37, 409.
 vincenti (Fringillaria), see Fringillaria.
 — (Phyllastrephus), see Phyllastrephus.
 viola (Saucerotia), see Saucerottia.
 violacea (Nyctanassa), see Nyctanassa.
 — (Tchitrea), see Tchitrea.
 violaceus (Cyanocorax), see Cyanocorax.
 — (Ptilonorhynchus), see Ptilonorhynchus.
 Violet-ear, see Colibri iolata.
 virens (Dendroica), see Dendroica.
 — (Eurillas), see Eurillas.
 — (Icteria), see Icteria.
 — (Myiochanes), see Myiochanes.
 virenticeps (Cyclarhis), see Cyclarhis.
Vireo alicola (*Mountain Vireo, ^bLani-vireo), *Ga.* '31, 616^b; *S. C.* '36, 314; *W. Va.* '34, 395.
 amauronotus, *Mex.* '40, 398.—*tax.* '40, 398.
 barbadensis (Barbados Vireo), *Antigua*, '34, 363.—*fd.* '34, 363.

barbatula, *Haiti*, '32, 506.
belli (*Bell's Vireo), *Ill.* '34, 403, '36, 348; *Okla.* '36, 434, '38, 505.—*nest*, '36, 348; *misc.* '39, 348^a.
bermudianus, *tax.* '33, 116.
brewsteri, *tax.* '40, 398, 399.
calidris, *tax.* '36, 103.
carmioli, *Pan.* '35, 341.
carolinæ (Chisos Vireo), *Tex.* '38, 269^a.—*descr.*, *dist.*, *meas.*, '38, 269.
cassini (Cassin's Vireo), *Calif.* '38, 48; *Utah*, '32, 237.—*cowbird host*, '38, 48; *meas.* '36, 25, 26; *misc.* '36, 23, '38, 505.
caucae, *S. Am.* '31, 407.—*dist. map*, '31, 409; *syn.*, *tax.*, '31, 407–412.
chiriquensis (Costaricensis), *syn.* '40, 398^b; *tax.* '40, 398.
chivi (^bagilis, *Vireosylva), *Argent.* '38, 43–44^a; *S. Am.* '31, 407.—*cowbird host*, '38, 43–44^a; *dist. map*, '31, 409; *syn.* '31, 407–410^b; *tax.* '31, 407–412, '36, 103.
connectens, *Mex.* '40, 594.—*tax.* '40, 398, 399.
crassirostris, *tax.* '36, 104.
eleanorae (Eleanor's Warbling Vireo), *Mex.* '40, 399^a.—*descr.*, *meas.*, *song*, '40, 398–400.
flavifrons (*Yellow-throated Vireo, ^bLani-vireo), *D. C.* '38, 679^a; *Fla.* '31, 253^b; *Mich.* '39, 99^a; *O.* '34, 386^a.—*blood*, '37, 518; *cowbird host*, '34, 386^a; *destr.* '38, 679; *feather count*, '36, 167^a; *song*, '35, 40–52^a, '38, 267^a.
flavoviridis (Yellow-green Vireo, ^bVireosylva), *descr.*, *dist.*, *meas.*, '31, 576; *mig.*, *nid.*, *song*, '31, 578–580; *tax.* '31, 575–587^b, '36, 103.
forreri (Forrer's Vireo), *descr.*, *dist.*, *life hist.*, '31, 581.
gilvus (*Eastern Warbling Vireo, Warbling Vireo, ^bVireosylva), *Ala.* '36, 449–450; *Fla.* '31, 253^b; *O.* '31, 371^b, '34, 386^a; *Ont.* '39, 16.—*cowbird host*, '34, 386^a; *meas.* '36, 25, 26; *song*, '40, 399; *tax.* '40, 398; *wt.* '38, 443; *misc.* '36, 23.
griseolus, *S. Am.* '31, 407.—*dist. map*, '31, 409; *syn.*, *tax.*, '31, 407–412.
griseus (*White-eyed Vireo), *D. C.* '38, 679^a; *Fla.* '31, 253; *Guat.* '36, 219; *Hond.* '36, 219; *Mass.* '32, 102; *O.* '34, 386^a, '36, 229; *Okla.* '38, 505.—*cowbird host*, '34, 386^a; *destr.* '38, 679^a; *feather count*, '36, 163^a, 164^a, 167^a; *song*, '35, 40–52^a, '38, 267^a; *tax.* '33, 115, '36, 104.
huttoni (*Hutton's Vireo), *Calif.* '31, 64, '38, 532^a; *Mex.* '40, 235.—*hbt.* '31, 64.

insulanus, *descr.*, *dist.*, *life hist.*, *mig.*, '31, 582-584.
insularis, *syst.* '35, 216.
josephae, *tax.* '40, 398.
laetissimus, *Bol.* '40, 398.—*tax.* '40, 398, 399.
latimeri (Latimer's Vireo), *P. R.* '38, 155.—*hbt.*, *mid.*, '38, 155.
leucophrys, *tax.* '40, 398.
leucopolia, *Ore.* '40, 398.
maynardi (Key West Vireo), *Fla.* '40, 255.—*tax.* '33, 115.
mexicanus (Mexican Hutton's Vireo), *Mex.* '38, 269, '40, 241.
micrus (Rio Grande Vireo), *Tex.* '38, 134.—*nest.*, '38, 134; *tax.* '33, 115.
mirandae, *tax.* '40, 398, 399.
modestus, *tax.* '35, 119.
montanus, *Guat.* '34, 116.
nelsoni, *Mex.* '36, 458.—*tax.*, *type*, '36, 458.
nitidus, *Mex.* '35, 208.
notius, *Br. Hond.* '33, 250.
noveboracensis (Northern White-eyed Vireo), *N. C.* '37, 458.—*tax.* '33, 115.
olivaceus (*Red-eyed Vireo, ^bVireosylva, ^{virescens}), *D. C.* '33, 451, '38, 679^a; *Fla.* '35, 198; *Great Lakes*, '32, 235^a; *Mich.* '36, 373^a; *N. Y.* '34, 241, '35, 197^a; *O.* '31, 371^b, '34, 386^a, '40, 114; *Okla.* '38, 505; *Pan.* '31, 121^a, '35, 326; *S. C.* '36, 119^a.—*behav.* '40, 114; *blood*, '37, 518; *cowbird host*, '34, 386^a; *destr.* '38, 679^a; *feather count*, '36, 164^a, 167^a; *jd.* '33, 451; *nest.*, '34, 241-242; *song*, '35, 40-52, '38, 267^a; *tax.* '36, 103; *ter.* '37, 112^a; *wt.* '38, 422^a, 443; *misc.* '35, 458^a, '36, 103^a, 222^a, 287^a, '39, 247^a.
paluster, *Sinaloa*, '38, 695.
philadelphicus (*Philadelphia Vireo), *Ark.* '35, 324; *D. C.* '38, 679^a; *Ind.* '33, 371; *Mass.* '32, 102; *N. Y.* '34, 398, '35, 197, 458; *Ont.* '39, 206^a; *Pan.* '31, 121^a; *W. Va.* '39, 188^a.—*destr.* '38, 679^a.
pinicolus, *Mex.* '35, 208.—*meas.* '40, 241.
plumbeus (Plumbeous Vireo, ^bLani-vireo), *Aris.* '39, 324; *Mex.* '40, 241; *N. M.* '31, 64^b.—*hbt.* '31, 59^b, 64^b; *meas.* '40, 241.
solimoensis, *Braz.* '31, 412^a.—*descr.* '31, 412; *dist. map*, '31, 409; *meas.*, *syn.*, *tax.*, '31, 407-412.
solitarius (*Blue-headed Vireo, Solitary Vireo), *Alta.* '38, 48; *Ark.* '36, 350; *Fla.* '31, 247^a, 253; *Labr.* '38, 304^a; *La.* '39, 90; *N. H.* '36, 89^a; *N. J.* '31, 128; *Okla.* '38, 505; *Ont.* '39, 16, 24^a.—

blood, '37, 518; *cowbird host*, '38, 46, 48; *meas.* '36, 24-26, '38, 505; *mig.* '39, 16, 24^a; *nest*, '31, 128; *wt.* '38, 443, 514; *wing area*, '38, 514; *misc.* '36, 23.
stephensi (Stephens's Vireo), *Aris.*, *N. M.*, '38, 269.
strenuus, *tax.* '40, 398, 399.
swainsoni (Western Warbling Vireo, ^bVireosylva), *Calif.* '31, 64^b.—*hbt.* '31, 60^b, 64^b; *tax.* '40, 398; *misc.* '36, 23.
vicinior (*Gray Vireo), *Aris.* '39, 324; *Calif.* '34, 538^a; *Colo.* '37, 526; *Okla.* '38, 505.
virescens, *S. Am.* '38, 409.—*mig.* '38, 409.
vividior, *S. Am.* '31, 407.—*dist. map*, '31, 409; *syn.*, *tax.*, '31, 407-412.
Vireo, Barbados, see Vireo barbadensis.
Bell's, see Vireo belli.
Blue-headed, see Vireo solitarius.
Cassin's, see Vireo cassinii.
Chisos, see Vireo carolinae.
Eastern Warbling, see Vireo gilvus.
Eleanor's Warbling, see Vireo eleanorae.
Forrer's, see Vireo forreri.
Gray, see Vireo vicinior.
Hutton's, see Vireo huttoni.
Key West, see Vireo maynardi.
Latimer's, see Vireo latimeri.
Mexican Hutton's, see Vireo mexicanus.
Mountain, see Vireo alticola.
Northern White-eyed, see Vireo noveboracensis.
Panama Shrike, see Vireolanus viridiceps.
Philadelphia, see Vireo philadelphicus.
Plumbeous, see Vireo plumbeus.
Red-eyed, see Vireo olivaceus.
Rio Grande, see Vireo micrus.
Solitary, see Vireo solitarius.
Stephens's, see Vireo stephensi.
Warbling, see Vireo gilvus.
Western Warbling, see Vireo swainsoni.
White-eyed, see Vireo griseus.
Yellow-green, see Vireo flavoviridis.
Yellow-throated, see Vireo flavifrons.
Vireolanus melitophrys (^bgoldmani), *Mex.* '37, 198.—*syn.* '37, 198^b.
pulchellus (^bSmaragdolanus), *tax.* '31, 305, 305^b.
quercinus, *Guat.* '35, 484.
viridiceps (Panama Shrike Vireo, ^bSmaragdolanus), *Pan.* '33, 305^b, '35, 326.
Vireonidae, *eye*, '38, 240; *hbt.* '40, 177; *plm.* '36, 167; *song*, '38, 264, 267; *misc.* '38, 539.
virescens (Butorides), see Butorides.
— (Empidonax), see Empidonax.
— (Picus), see Picus.
— (Vireo), see Vireo.

- (Vireo), see *V. olivaceus*.
 — (Xanthomyias), see *Xanthomyias*.
virgata (Aphriza), see *Aphriza*.
 — (Ciccaba), see *Ciccaba*.
Virgin Islands.
 Beatty, H. A., '31, 147 (rev.), '36, 456-457, '38, 131, 552-553, '39, 193.
 Danforth, S. T., '31, 147 (rev.).
Virginia.
 Addy, E., '40, 422-423.
 Allard, H. A., '34, 84, 514-515.
 Ball, W. H., '32, 362.
 Bartsch, P., '34, 507.
 Brodrick, H. J., '38, 538-539.
 Cahalane, V. H., '40, 290.
 Clark, A. H., and Clark, L. F., '35, 459.
 Clark, A. H., and Forbes, L. G., '34, 87.
 Cottam, C., '34, 376, '35, 437.
 Craighead, F., and Craighead, J., '40, 261-263 (rev.).
 Curtler, M., '33, 366.
 Daniel, B., '34, 524.
 Dickinson, J. C., Jr., and Calhoun, J. B., '39, 177.
 DuMont, P. A., '34, 78.
 Duvall, A. J., '37, 461-463.
 English, A. O., '36, 333.
 Freer, R. S., '31, 127, '33, 365, 437-438, 438-439, 448, '35, 189, '39, 355 (rev.).
 Freer, R. S., and Murray, J. J., '35, 187-188.
 Ganier, A. F., '34, 372.
 Hamaker, J. J., '36, 220-221, 451.
 Harper, F., '34, 265.
 Helmuth, W. T., 3rd, '34, 375.
 Hostetter, D. R., '34, 524, '36, 85.
 Howard, W. J., '40, 523-531.
 Howell, A. H., and Burleigh, T. D., '34, 249-250, 393-394.
 Hoyt, J. S. Y., '37, 533, 539.
 Jones, F. M., '33, 105-106, '36, 448, 454, '38, 574 (rev.).
 Jones, G. W., '33, 431, 436-437.
 Knappen, Phoebe M., '33, 452.
 Lewis, J. B., '31, 125-126, 274, '32, 484, '33, 364, '34, 532.
 Lewis, M. G., '32, 103.
 Lincoln, F. C., '32, 89-90, '39, 331.
 McAtee, W. L., '40, 574.
 Moore, J. A., '31, 425.
 Murphy, R. C., '39, 471-472.
 Murphy, R. C., and Vogt, W., '33, 332.
 Murray, J. J., '31, 110-111, 129, 276, 418, '32, 90, 226, 227, 359-360, 458, 474-475, 487-488, '33, 118-119, 190-200, 206, 354, 368, 439, 447, '34, 90, 380, 381, 510-511, 525, '35, 456, '36, 208, 211, '38, 124, 537, '39, 205 (rev.), '40, 114, 566.
 Pettingill, O. S., Jr., '37, 237-244, '38, 411-415.
 Rusling, W. J., '37, 395.
 Slocum, H. S., '31, 112-113.
 Smyth, E. A., Jr., '39, 75.
 Spiker, C. J., '36, 93.
 Stone, W., '31, 105.
 Todd, W. E. C., '31, 435.
 Tyrrell, W. B., '36, 261-268.
 Wetmore, A., and Lincoln, F. C., '32, 350-351.
 Wetmore, A., and Murray, J. J., '36, 93, '37, 540-541.
Virginia Ornithological Society.
 [First annual meeting], '31, 333.
 [Annual meeting], '33, 264.
 [Fourth annual meeting], '34, 434.
virginiae (Vermivora), see *Vermivora*.
virginianus (Bubo), see *Bubo*.
 — (Chordeiles), see *C. minor*.
 — (Colinus), see *Colinus*.
 — (Rallus), see *R. limicola*.
virgultorum (Taraba), see *Taraba*.
viridanus (Phylloscopus), see *Phylloscopus*.
Viridibucco angolensis, *Angola*, '32, 253.
jacksoni, *Uganda*, '31, 312.
leucomystax, *Afr.* '38, 692.
simplex, *Afr.* '38, 692.
viridiceps (Pharomachrus), see *Pharomachrus*.
 — (Smaragdolanus), see *Vireolanus*.
 — (Vireolanus), see *Vireolanus*.
viridiflavus (Hylophilus), see *Hylophilus*.
viridigenalis (Amazona), see *Amazona*.
viridigularis (Colymbus), see *Gavia*.
 — (Gavia), see *Gavia*.
viridis (Androphilus), see *Androphilus*.
 — (Androphobus), see *Androphilus*.
 — (Centropus), see *Centropus*.
 — (Icteria), see *I. virens*.
viridissima (Galbula), see *Galbula*.
viscivorus (Arceuthornis), see *Arceuthornis*.
Viscount Grey Memorial.
 [Plans for erection], '36, 375.
vitellinus (Manacus), see *Manacus*.
vittata (Eudypetes), see *Eudypetes*.
 — (Sterna), see *Sterna*.
vittatum (Heterotrogon), see *Heterotrogon*.
Viudita, see *Taenioptera irupero*.
vivida (Xanthoura), see *Xanthoura*.
vividior (Vireo), see *Vireo*.
v-nigra (Somateria), see *Somateria*.
vocifer (Cuncuma), see *Cuncuma*.
vociferans (Tyrannus), see *Tyrannus*.
vociferus (Antrostomus), see *Antrostomus*.
 — (Charadrius), see *Oxyechus*.
 — (Oxyechus), see *Oxyechus*.

Vogt, William.

- American egret in Connecticut, '31, 593.
 Orchard oriole in the Adirondacks, '31, 606.
 Notes from Jones Beach, N. Y., '33, 445-447.
 Purple gallinule on Long Island, N. Y., '34, 518.
 Black skimmer (*Rynchops nigra*) breeding in New York, '34, 521.
 see Dalke, P. L., [On food habits of pheasants in Michigan] (rev.), '37, 561.
 see Kendeigh, S. C., and Baldwin, S. P., 'Factors affecting yearly abundance of passerine birds' (rev.), '37, 564.
 Thirst on the land; a plea for water conservation for the benefit of man and wild life (rev.), '38, 310.
 Intimidation display in the eastern meadowlark (rev.), '38, 698.
 [Obituary of] Charles Anderson Urner, '38, 700-701.
 Preliminary notes on the behavior and ecology of the eastern willet (rev.), '39, 109.
 [Notice of Fourth North American Wildlife Conference], '39, 125.
 Report of the Committee on Bird Protection, '39, 212-219.
Vogt, W., and Audubon, J. J.
 see Audubon and Vogt.
Vogt, W., and Murphy, R. C.
 see Murphy and Vogt.
Vogt, W., and Noble, G. K.
 see Noble and Vogt.
Voice of Birds.
 Allard, H. A., '34, 514-515.
 Maerschallck, F. de, '40, 436 (rev.).
 Miller, A. H., '35, 122 (rev.).
 Murray, J. J., '31, 110-111.
 Nice, Margaret M., '33, 97.
 Nickell, W. P., '39, 106 (rev.).
 Peters, H. S., '40, 111.
 Sharland, M. S. R., '39, 108 (rev.).
 Shelley, L. O., '31, 622-623.
 Taber, W., '40, 253.
 Urner, C. A., '33, 420-425.
 Walkinshaw, L. H., '39, 232-233.
Völker, Otto.
 Ueber den gelben Federfarbstoff des Wellensittichs (*Melopsittacus undulatus* (Shaw)) (rev.), '37, 229.
 Ueber fluoreszierende, gelbe Federpigmente bei Papageien, eine neue Klasse von Federfarbstoffen (rev.), '37, 422.
 Porphyrin in Vogelfedern (rev.), '39, 109.

- Ein eigenartiges Prinzip der Federpigmentierung (rev.), '39, 109.
Von Boetticher, Hans.
 On the systematic position of the Ploceidae, Fringillidae and Sturnidae (rev.), '36, 117.
 The genus *Turacus* (rev.), '36, 117.
 Gaimard's cormorant (rev.), '36, 117.
Von Hagen, V. Wolfgang.
 The first royal birds of the Aztecs raised in captivity (rev.), '38, 310.
Von Ihering, Herman, 1850-1930.
 Obituary, '31, 85.
Von Madarasz, Julius, 1858-1931.
 Biography and bibliography, '31, 643.
 Obituary, '32, 269-271, '33, 82.
Von Schauburg, Baron René Charles Eduard George Jean Snoukaert, 1857-1931.
 Obituary, '37, 125.
Von Seilern-Aspang, Count Josef, 1884-1939.
 Obituary, '40, 448-449.
 vorax (*Tyrannus*), see *Tyrannus*.
Vorhies, Charles Taylor.
 Stereoscopic vision in a single eye, '35, 469-470.
Voth, Richard David, Hiemenz, N. M., and Friedrich, G. W.
 see Hiemenz, Voth and Friedrich.
 vulcanius (*Heleodytes*), see *Heleodytes*.
 vulgaris (*Coccothraustes*), see *C. coccothraustes*.
 — (*Procellaria*), see *Procellaria*.
 — (*Sturnus*), see *Sturnus*.
Vultur gryphus (*Condor*), *S. Am.* '40, 426.—*hbt.* '40, 426; *pler.* '39, 409.
kernensis, Calif., fos., '31, 463.
sacra (Painted Vulture, *Sarcoramphus*), *Fla.* '36, 381-392, 384^b.—*descr.* '36, 381-382, 387, 389-391; *hist., tax.*, '36, 381-392.
 Vulture, Bearded, see *Gypaetus barbatus*.
 Black, see *Coragyps atratus*.
 Egyptian, see *Neophron percnopterus*.
 Griffon, see *Gyps fulvus*.
 Hooded, see *Necrosyrtes monachus*.
 King, see *Sarcoramphus papa*.
 Mexican Turkey, see *Cathartes aura*.
 Painted, see *Vultur sacra*.
 Turkey, see *Cathartes septentrionalis*.
 White-necked, see *Pseudogyps africanus*.
 vulturinum (*Acryllium*), see *Acryllium*.

W

Wachs, Horst.

- Schutz der Seeschwalben zur Brutzeit durch biologische Trennung (rev.), '38, 583.

- Die palaearktischen Formen der Sturm-
möwe und ihre Unterscheidung
(rev.), '39, 360.
- Wade**, Joseph Sanford.
see Rusby, H. H., 'Jungle memories'
(rev.), '35, 114-115.
see Weiss, H. B., 'Rafinesque's Ken-
tucky friends' (rev.), '37, 107.
- [Obituary of] Charles Holcomb Pope-
noe, '37, 573.
- see Wolfe, Linnie M., 'John of the
mountains: the unpublished journals
of John Muir' (rev.), '38, 682-684.
- see Craighead, F. and J., 'Hawks in
the hand: adventures in photogra-
phy and falconry' (rev.), '40, 261-
263.
- see Canby, H. S., 'Thoreau' (rev.), '40,
263-264.
- see Cutright, P. R., 'The great natur-
alists explore South America' (rev.),
'40, 426.
- wagleri (*Aulacorhynchus*), see *Aulaco-
rhynchus*.
- (Ortalis), see *Ortalis*.
- (Zarhynchus), see *Zarhynchus*.
- Wagner**, H. O.
Der Einfluss von Aussenfaktoren auf
den Tagesrhythmus während der
Zugphase (rev.), '38, 157.
- Wagner, H. O.**, and **Schildmacher**, H.
Ueber die Abhängigkeit des Einsetzens
der nächtlichen Zugunruhe ver-
frachteter Vögel von der geographi-
schen Breite (rev.), '37, 422.
- Wagtail, British White, see *Motacilla
lugubris*.
- Gray, see *Motacilla cinerea*.
- Gray-headed, see *Motacilla flava*.
- Pied, see *Motacilla lugubris*.
- Sykes's, see *Budytes beema*.
- White, see *Motacilla alba*.
- Yellow, see *Budytes flava*.
- Wahby**, Aly.
[Weights of hearts, brains and gizzards
of some European birds] (rev.), '38,
310.
- wahlbergi (*Aquila*), see *Aquila*.
- waigiensis (*Salvadorina*), see *Salva-
dorina*.
- Wait**, Walter Ernest, and **Henry**, G. M.
see Henry and Wait.
- waldroni (*Anthoscopus*), see *Anthosco-
pus*.
- Wales**.
Guggisberg, C. A. W., '38, 148, 572.
Lockley, R. M., '39, 104 (rev.), 485-
486 (rev.).
- Walker**, Ernest Pillsbury.
Wild life protection—an urgent prob-
lem (rev.), '32, 259.
- Eyes that shine at night (rev.), '40, 440.
- Walkinshaw**, Lawrence Harvey.
Lesser snow geese in Barry County,
Michigan, '31, 258-259.
- Wilson's phalarope and red-backed
sandpiper at Battle Creek, Michigan,
'31, 417.
- Nesting of the sandhill crane in Cal-
houn County, Michigan, '31, 594-
595.
- Western meadowlark at Battle Creek,
Michigan, '31, 606.
- Brewster's warbler in Calhoun County,
Michigan, '31, 613.
- Yellow rail at Battle Creek, Calhoun
Co., Mich., '34, 80.
- Studies of the short-billed marsh wren
(*Cistothorus stellaris*) in Michigan,
'35, 362-369.
- Short-billed marsh wren (*Cistothorus
stellaris*) nesting in September, '36,
86.
- Connecticut warbler (*Oporornis agilis*)
in northern Michigan, '36, 220.
- Leconte's sparrow breeding in Michi-
gan and South Dakota, '37, 309-320.
- The Virginia rail in Michigan, '37,
464-475.
- The yellow rail in Michigan, '39, 227-
237.
- Notes on the nesting of the clay-
colored sparrow (rev.), '39, 361.
- Additional information on the pro-
thonotary warbler (rev.), '40, 132.
- Summer life of the sora rail, '40, 153-
168.
- Kirtland's warbler or the jack-pine
warbler (rev.), '40, 277.
- Some migration notes of the Fringil-
lidae at Battle Creek, Michigan
(rev.), '40, 277.
- Prothonotary nesting studies at Reel-
foot Lake (rev.), '40, 277.
- Some Michigan notes on the grasshop-
per sparrow (rev.), '40, 595.
- Walkinshaw**, L. H., and **Bryens**, O. McK.
see Bryens and Walkinshaw.
- Walkinshaw**, L. H., **Olsen**, R. E., and
Olsen, H. A.
see Olsen, Olsen and Walkinshaw.
- Wallace**, Alfred Russell, 1823-1913.
[Letter of], '34, 404-405.
- Wallace**, George John.
Notes from Vermont, '37, 547-548.
Bicknell's thrush, its taxonomy, dis-
tribution, and life history (rev.), '39,
199-200.
- Wallace**, Robert Browne.
Unusual birds in western North Caro-
lina, '36, 227.
- Wallace**, R. B., and **Ball**, W. H.

see Ball and Wallace.
 wallacei (*Habroptila*), see *Habroptila*.
 walleri (*Onychognathus*), see *Onychognathus*.
Walsh, Lester Lewis.
 Summering eiders off the Massachusetts coast, '33, 93.
 Notes from southern Arizona, '33, 124.
Walter, Alice Hall.
 Arkansas kingbird on Nantucket, Mass., '34, 237.
Walters, Don Lucas.
 Destruction of nesting areas in Missouri river bottoms (rev.), '39, 109.
Walton, Arthur.
 On the eclipse plumage of the mallard (*Anas. p. platyrhynchos*) (rev.), '38, 157.
 Wanderer, Plain, see *Pedionomus torquatus*.
 Warbler, Alaska Yellow, see *Dendroica rubiginosa*.
 Audubon's, see *Dendroica auduboni*.
 Bachman's, see *Vermivora bachmani*.
 Barbados Yellow, see *Dendroica capitis*.
 Bay-breasted, see *Dendroica castanea*.
 Bell's, see *Basileuterus belli*.
 Black and White, see *Mniotilta varia*.
 Black-poll, see *Dendroica striata*.
 Black-throated Blue, see *Dendroica caerulescens*.
 Black-throated Gray, see *Dendroica nigrescens*.
 Black-throated Green, see *Dendroica virens*.
 Blackburnian, see *Dendroica fusca*.
 Blue-winged, see *Vermivora pinus*.
 Brewster's, see *Vermivora leucobronchialis*.
 Cairns's, see *Dendroica cairnsi*.
 Calaveras, see *Vermivora ridgwayi*.
 California Yellow, see *Dendroica brewsteri*.
 Canada, see *Wilsonia canadensis*.
 Cape May, see *Dendroica tigrina*.
 Cerulean, see *Dendroica cerulea*.
 Cetti's, see *Cettia cetti*.
 Chestnut-sided, see *Dendroica pensylvanica*.
 Colima, see *Vermivora crissalis*.
 Connecticut, see *Oporornis agilis*.
 Cuban, see *Teretistris fernandinae*.
 Dartford, see *Sylvia dartfordiensis*.
 Eastern Yellow, see *Dendroica aestiva*.
 Florida Prairie, see *Dendroica collinsii*.
 Garden, see *Sylvia borin* and *S. hortensis*.
 Golden, see *Dendroica bartholemica*.
 Golden-winged, see *Vermivora chrysoptera*.

Grace's, see *Dendroica graciae*.
 Grass, see *Cisticola*.
 Gray, see *Pseudogerygone igata*.
 Gray-backed, see *Aedon familiaris*.
 Hermit, see *Dendroica occidentalis*.
 Hooded, see *Wilsonia citrina*.
 Jack-pine, see *Dendroica kirtlandi*.
 Kentucky, see *Oporornis formosus*.
 Kirtland's, see *Dendroica kirtlandi*.
 Large-billed, see *Gerygone magnirostris*.
 Lawrence's, see *Vermivora lawrencei*.
 Lutescent, see *Vermivora lutescens*.
 Macgillivray's, see *Oporornis tolmiei*.
 Magnolia, see *Dendroica magnolia*.
 Mexican Hartlaub's, see *Vermivora mexicana*.
 Mourning, see *Oporornis philadelphia*.
 Myrtle, see *Dendroica coronata*.
 Nashville, see *Vermivora ruficapilla*.
 Northern Parula, see *Compsothlypis pusilla*.
 Northern Pileolated, see *Wilsonia pileolata*.
 Northern Pine, see *Dendroica pinus*.
 Northern Prairie, see *Dendroica discolor*.
 Olive, see *Peucedramus olivaceus*.
 Olive-backed, see *Compsothlypis pityayumi*.
 Orange-crowned, see *Vermivora celata*.
 Palm, see *Dendroica palmarum*.
 Parula, see *Compsothlypis americana*.
 Pine, see *Dendroica pinus*.
 Prairie, see *Dendroica discolor*.
 Prothonotary, see *Protonotaria citrea*.
 Red, see *Ergaticus ruber*.
 Red-faced, see *Cardellina rubrifrons*.
 Rufous, see *Aedon galactodes*.
 Ruppell's, see *Sylvia ruppelli*.
 Socorro, see *Compsothlypis graysoni*.
 Sonora Yellow, see *Dendroica sonorana*.
 Southern Parula, see *Compsothlypis americana*.
 Speckled, see *Chthonicola sagittata*.
 Striated Marsh, see *Megalurus forbesi*.
 Swainson's, see *Limothlypis swainsoni*.
 Sycamore, see *Dendroica albilora*.
 Tennessee, see *Vermivora peregrina*.
 Townsend's, see *Dendroica townsendi*.
 Venezuelan Grasshopper, see *Myospiza meridiana*.
 Virginia's, see *Vermivora virginiae*.
 Wayne's, see *Dendroica waynei*.
 Western Palm, see *Dendroica palmarum*.
 Western Yellow, see *Dendroica brewsteri*.
 Willow, see *Phylloscopus trochilus*.

- Wilson's, see *Wilsonia pusilla*.
 Worm-eating, see *Helmitheros vermivorus*.
 Yellow, see *Dendroica aestiva*.
 Yellow Palm, see *Dendroica hypochrysea*.
 Yellow-throated, see *Dendroica dominica*.
Ward, William B.
 Owls on a Louisiana highway, '34, 236.
wardi (*Actinodura*), see *Actinodura*.
 — (*Ardea*), see *Ardea*.
Warga, Koloman.
 Dauer-Ehen bei *Parus m. major* und
 Jahres-Ehen bei *Phoenicurus ph.*
phoenicurus (rev.), '39, 361.
 Die *Bombycilla g. garrulus*—Invasion
 in den Jahren 1931–32 und 1932–33
 (rev.), '40, 595.
 Die 1937/38 *Bombycilla g. garrulus*—
 Invasion in Ungarn (rev.), '40, 595.
Warren, Edward Royal.
 [Obituary of] Charles Edward Howard
 Aiken, '36, 371–372.
 [Biography of C. E. H. Aiken, with
 diaries on birds of the southwest]
 (rev.), '37, 559.
Washington.
 Balmer, A., '38, 276–277.
 Baumgartner, F. M., '34, 537–538.
 Booth, E. S., '39, 493 (rev.), '40, 269
 (rev.).
 Edson, J. M., '39, 494 (rev.).
 Hall, F. S., '39, 203 (rev.).
 Hudson, G. E., '40, 272 (rev.).
 Kitchin, E. A., '34, 414 (rev.), '40, 128
 (rev.).
 Maltby, F., '38, 576 (rev.).
 Miller, A. H., '40, 420–421.
 Ransom, W. H., '39, 205 (rev.).
 Royal, L. A., '40, 131 (rev.).
 Shaw, W. T., '36, 9–16, 133–149.
 Svihla, A., '33, 224–225.
washingtoniensis (*Haliaeetus*), see *H.*
alascanus.
 Water-cock, see *Gallicrex cinerea*.
 Water-hen, see *Gallinula chloropus*.
 Philippine, see *Amauornis olivacea*.
 Water-thrush, see *Seiurus noveboracensis*.
 Grinnell's, see *Seiurus notabilis*.
 Louisiana, see *Seiurus motacilla*.
 Northern, see *Seiurus noveboracensis*.
 Water-turkey, see *Anhinga anhinga*.
 Water-tyrant, Courier, see *Fluvicola*
climazura.
 White-shouldered, see *Fluvicola pica*.
Waterhouse, J. D.
 The variegated wren (rev.), '40, 277.
watersi (*Sarothrura*), see *Sarothrura*.
 — (*Zapornia*), see *Zapornia*.
Watson, C. Huber.

- Early nesting of the great horned owl,
 '33, 220–221.
wattersi (*Alauda*), see *Alauda*.
Watterson, William Herbert.
 Audubon's warbler in northern Ohio,
 '31, 435.
 Waxwing, see *Bombycilla garrula*.
 American, see *Bombycilla pallidiceps*.
 Bohemian, see *Bombycilla garrula* and
B. pallidiceps.
 Cedar, see *Bombycilla cedrorum*.
 European, see *Bombycilla garrula*.
Wayne, Arthur Trezevant, 1863–1930.
 Obituary, '31, 85.
 In memoriam, '31, 1–16, por.
waynei (*Ammospiza*), see *Ammospiza*.
 — (*Dendroica*), see *Dendroica*.
 — (*Rallus*), see *Rallus*.
 — (*Telmatodytes*), see *Telmatodytes*.
 — (*Thryospiza*), see *Ammospiza*.
Weakly, Harry E.
 The whooping crane at North Platte,
 Lincoln County [Nebraska] (rev.),
 '38, 157.
Weaver, Richard Lee.
 Measurement of growth in the eastern
 chipping sparrow, '37, 103–104.
 The northern distribution and status of
 the English sparrow in Canada
 (rev.), '40, 132.
 Weaver, African Grenadier, see *Grana-*
tina granatina.
 Cabanis's, see *Munia cabanisi*.
 Everett's, see *Uroloncha everetti*.
 House, see *Passer domesticus*.
 Orange, see *Pyromelana franciscana*.
 Red-headed, see *Anaplectes rubricaps*.
 Spot-backed, see *Ploceus spilnotus*.
 Weaver-bird, Black and Yellow Mantled,
 see *Textor cucullatus*.
 Philippine, see *Munia jagori*.
 Sociable, see *Philetaerus socialis*.
Webb, C. S.
 A collector in the Andes of Ecuador
 (rev.), '40, 133.
Weber, Jay Anthony.
 Destruction of tree swallows, '40, 405.
Webster, May Rogers (Mrs. Laurence J.
 Webster), — 1938.
 Obituary, '38, 314, '39, 123.
wedeli (*Lophotrix*), see *Lophotrix*.
 Weebill, Brown, see *Smicrornis brevi-*
rostris.
Weel, P. B. von.
 Zur Histophysiologie des Pankreas
 vom Reiher (*Ardea cinerea*) (rev.),
 '38, 310.
Weights of Birds.
 Aldrich, J. W., '36, 329.
 Amadon, D., and Phillips, A. R., '39,
 183.

- Baldwin, S. P., and Kendeigh, S. C., '38, 416-467.
- Baumgartner, A. M., '38, 608-610.
- Curtis, Elizabeth L., '38, 147.
- Davis, D. E., '40, 196-197.
- Errington, P. L., '36, 78-79.
- Esten, S. R., '31, 572-574.
- Fiora, A., '34, 124 (rev.).
- Gross, A. O., '37, 15-40.
- Heydweiller, Amelia M., '35, 203-204, 471.
- Johnson, R. A., '35, 309.
- Kendeigh, S. C., '40, 10-12.
- Kennard, F. H., '32, 358.
- Linsdale, J. M., and Sumner, E. L., Jr., '34, 551 (rev.).
- McIlhenny, E. A., '37, 292.
- Musselman, T. E., '36, 328.
- Poole, E. L., '38, 511-517.
- Scott, W. E., '38, 673.
- Shaw, T.-H., '35, 343 (rev.), '40, 438 (rev.).
- Stewart, P. A., '37, 324-332.
- Stoner, D., '35, 406.
- Walkinshaw, L. H., '37, 313-314, '39, 230-232, '40, 159-164.
- Weaver, R., '37, 103-104.
- Wood, M., '38, 123-124.
- Weights of Eggs.**
- Gross, A. O., '37, 19.
- Heydweiller, Amelia M., '35, 204.
- Walkinshaw, L. H., '37, 313, '40, 159-161.
- Worth, C. B., '40, 44-45.
- Weiser, Charles Spangler.**
- Flying with a flock of swans, '33, 92-93.
- Weiss, Harry Bischoff.**
- Rafinesque's Kentucky friends (rev.), '37, 107.
- Weiss, H. B., and Ziegler, Grace M.**
- Thomas Say, early American naturalist (rev.), '31, 299-300.
- Weka, North Island, see Gallirallus greyi.
- Welch, Cecil Melvin.**
- Notes on the 1935 spring migration near Billings, Montana, '36, 230.
- Further notes on Montana birds, 1935, '36, 230-231.
- welchi (Lagopus), see Lagopus.
- Wellman, Gordon Boit.**
- The courtship flight of the red-breasted nuthatch, '33, 112.
- Chickadee neurasthenia, '38, 673-674.
- Wells, William.**
- The starling in eastern Kansas (rev.), '40, 133.
- Welter, Wilfred August, 1906-1939.**
- Nesting habits of ruby-throated hummingbird, '35, 88-89.
- The status of *Telmatoctes palustris* iliacus, '37, 208-209.
- Feather arrangement, development, and moult of the long-billed marsh wren (rev.), '37, 229-230.
- Obituary, '40, 448.
- Wendland, Victor.**
- Beobachtungen über den Seeadler (rev.), '38, 310, 311.
- Wendnagel, Ad.**
- Ein Bastard zwischen Weiss- und Schwarzstorch (rev.), '38, 583.
- wenmani (*Nesomimus*), see *Nesomimus*.
- West Chester (Pa.) Bird Club.**
- [Twentieth Anniversary Meeting], '35, 357.
- West Indies.**
- Barnes, V., Jr., '36, 350-351.
- Beatty, H. A., '31, 147 (rev.), '36, 456-457, '38, 131, '39, 193.
- Beebe, W., '38, 689 (rev.).
- Bond, J., '32, 494-496, '34, 523, '35, 76-77, '36, 105 (rev.), '38, 544, '39, 193-195, 492 (rev.).
- Box, H. E., '38, 146 (rev.).
- Clark, A. H., '34, 377, 535.
- Danforth, S. T., '31, 147 (rev.), '32, 96-97, '34, 84, 103, 233, 350-364, '35, 74, 475-476 (rev.), '36, 80, 82, 89, 90, 100, 241 (rev.), 323, '37, 558 (rev.), '38, 124, 528, 667, 668, 691 (rev.), '39, 101 (rev.), 304-305.
- Darlington, P. J., '39, 354 (rev.).
- Hamer, W. H., '38, 572-573.
- Kelso, Estelle H., '36, 82.
- Peters, J. L., '34, 517-518.
- Spaulding, Nina G., '31, 426-427, '38, 155 (rev.).
- Wetmore, A., '31, 148 (rev.), 596-597 (rev.), '32, 107-108, '33, 450-451, '35, 186-187, '38, 51-55, 277.
- West Virginia.**
- Ball, W. H., '31, 599.
- Brooks, A. B., '33, 361-362, '35, 456.
- Brooks, E. A., '31, 294 (rev.), '34, 248-249, '38, 686 (rev.).
- Brooks, M. G., '32, 223-224, 226, '33, 94, 121, 211, 222-223, 443, '34, 90-91, 232-233, 241, 370, 379, 394-396, 525, 530, '35, 181, 307-308, '36, 96-98, 202, 223-224, 444, 449, 454, '38, 122.
- Brooks, M. G., and Boggs, I. B., '38, 112-113.
- Brooks, M. G., and Haller, K., '36, 453.
- Burleigh, T. D., '32, 97.
- Flouer, G. F., '40, 413-414.
- Haller, K. W., '38, 676-678, '40, 433 (rev.).
- Haller, K. W., et al., '36, 91.
- Handlan, J. T., Jr., '38, 129-130.

- Handley, C. O., '31, 598-599.
 Lunk, W. A., and Brooks, M., '40, 576-577.
 Montagna, W., '39, 187-188, 342.
 Poland, J. L., '36, 444, '38, 127-129, '39, 76.
 Shields, T. E., '35, 96.
 Sutton, G. M., '34, 226, 231, '36, 89, 90, 91, 453-454.
 Wetmore, A., '38, 311 (rev.), '39, 477, '40, 113-114.
westermanni (Casuarius), see *C. papuanus*.
Weston, Alfred Crowell, 1892-1933.
 Obituary, '34, 70, 567.
Weston, Francis Marion.
 Notes from Escambia County, Florida, '31, 442-443.
 Palmer's thrasher, an addition to the Florida list, '32, 484-485.
 European starling (*Sturnus vulgaris vulgaris*) breeding in Florida, '32, 486.
 Kentucky warbler (*Oporornis formosus*) nesting in Florida, '32, 488.
 Gull-billed tern nesting at Pensacola, Florida, '33, 215-216.
 A melanistic laughing gull at Pensacola, Florida, '34, 82-83.
 Notes from Escambia County, Florida, '34, 96-97.
 The western willet in Michigan, '34, 231-232.
 Glaucous gull in Florida, '36, 445.
 Notable Florida records, '39, 192-193.
 White-crowned sparrow at Pensacola, Florida, '40, 422.
Weston, F. M., and McClanahan, R. C.
 Golden plover in Florida during winter, '37, 536.
westoni (Cassidix), see *Cassidix*.
Westover, Myron Fayette, 1860-1933.
 The flight of the swifts (rev.), '32, 507.
 Obituary, '34, 70.
Wetmore, Frank Alexander.
 A seventeenth century representation of the cardinal, '31, 127.
 The ground dove of Navassa Island (rev.), '31, 148.
 Fossil bird remains from the Temblor formation near Bakersfield, California (rev.), '31, 148.
 The bullfinch of Ile à Vache, Haiti (rev.), '31, 308.
 The avifauna of the Pleistocene in Florida (rev.), '31, 462, '32, 384.
 The Hudsonian godwit in the Dominican Republic, '31, 596-597.
 Notes from Dr. R. Ciferri on the birds of Hispaniola, '32, 107-108.
 Birds (Smithsonian scientific series, vol. 9, part 1) (rev.), '32, 245.

- The breeding of the brown booby in Porto Rican territory, '32, 341.
 The diabolitin in Dominica, '32, 456-457.
 Birds collected in Cuba and Haiti by the Parrish-Smithsonian Expedition of 1930 (rev.), '32, 506-507.
 The generic name *Haplornis* (rev.), '33, 143.
 Status of the genus *Geranoaëtus*, '33, 212.
 A second specimen of the fossil bird *Bathornis veredus*, '33, 213-214.
 The western pigeon hawk in Florida, '33, 356.
 Recent records for Oklahoma and Texas, '33, 373.
 Extralimital records for Baird's sandpiper, '33, 433.
 Records from the Dominican Republic, '33, 450-451.
 see Lambrecht, K., 'Handbuch der Palaeornithologie' (rev.), '34, 261-263.
 An Oligocene eagle from Wyoming (rev.), '34, 271.
 Pliocene bird remains from Idaho (rev.), '34, 271.
 Winged denizens of woodland, stream and marsh (rev.), '34, 411.
 A systematic classification for the birds of the world, revised and emended (rev.), '34, 419.
 On the genera *Oligocorax* and *Miocorax*, '35, 75-76.
 The type specimen of Newton's owl, '35, 186-187.
 The status of *Minerva antiqua*, *Aquila ferox* and *Aquila lydekkeri* as fossil birds (rev.), '35, 215.
 Fossil birds from Mongolia and China (rev.), '35, 215.
 Bird remains from the Oligocene deposits of Torrington, Wyoming (rev.), '35, 215.
 The common loon in the Florida keys, '35, 300.
 Pre-columbian bird remains from Venezuela, '35, 328-329.
Microsittace ferruginea minor in north Patagonia, '35, 449.
 The short-billed marsh wren breeding in Maryland, '36, 86.
 The Ohio house wren in Maryland, '36, 86.
 The number of contour feathers in Passeriform and related birds, '36, 159-169.
 The distribution of the Atlantic song sparrow, '36, 223.

- [Remarks on National Firearms Act], '36, 260.
- The chuck-will's-widow in Maryland, '36, 333.
- A new race of song sparrow from the Appalachian region (rev.), '37, 112.
- Two new species of hawks from the Miocene of Nebraska (rev.), '37, 230.
- Bird remains from the West Indies, '38, 51-55.
- A skua in the Caribbean Sea, '38, 277.
- Bird remains from cave deposits on Great Exuma Island in the Bahamas (rev.), '38, 311.
- Observations on the birds of West Virginia (rev.), '38, 311.
- The tibiotarsus of the fossil bird *Bathornis veredus* (rev.), '38, 583.
- A Miocene booby and other records from the Calvert formation of Maryland (rev.), '38, 583.
- Another fossil owl from the Eocene of Wyoming (rev.), '38, 583.
- [Elected Honorary Member of British Ornithologists' Union], '38, 587.
- A record of the black-capped petrel from Haiti, '39, 73.
- Arkansas kingbird in Maryland, '39, 86.
- Breeding range of the Ohio house wren, '39, 87.
- A fossil duck from the Eocene of Utah (rev.), '39, 110.
- A note on *Fregata* (rev.), '39, 361.
- Notes on the birds of Tennessee (rev.), '39, 361.
- Recent observations on the Eskimo curlew in Argentina, '39, 475-476.
- Western olive-backed thrush in West Virginia and Tennessee, '39, 477.
- Five new races of birds from Venezuela (rev.), '39, 501.
- A Pleistocene egg from Nevada (rev.), '39, 501.
- More nomenclature in the genus *Quiscalus*, '39, 505-506.
- A specimen of the black-capped petrel, '40, 105.
- Notes on woodpeckers from West Virginia, '40, 113-114.
- Birds from Clipperton Island collected on the presidential cruise of 1938 (rev.), '40, 133.
- Observations on the birds of northern Venezuela (rev.), '40, 277.
- Notes on the birds of Kentucky (rev.), '40, 595.
- A check-list of the fossil birds of North America (rev.), '40, 595.
- Wetmore, A., and Brooks, A.**
- [On hummingbirds, swifts and goat-suckers] (rev.), '32, 504-505.
- The eagle, king of birds, and his kin (rev.), '33, 457.
- [On some passerine birds] (rev.), '34, 411.
- [On American owls] (rev.), '35, 207.
- [On auks and their allies] (rev.), '36, 237.
- [On parrots, kingfishers and flycatchers] (rev.), '36, 354-355.
- Canaries and other cage-bird friends (rev.), '39, 208.
- Wetmore, A., and Case, E. C.**
- A new fossil hawk from the Oligocene beds of South Dakota (rev.), '35, 215.
- Wetmore, A., and Fisher, A. K.**
- see Fisher and Wetmore.
- Wetmore, A., and Grosvenor, G.**
- see Grosvenor and Wetmore.
- Wetmore, A., and Lincoln, F. C.**
- The chuck-will's-widow in Maryland, '31, 121.
- The sharp-tailed sparrow at Chesapeake Beach, Md., '31, 126.
- [Notice of field trip to Haiti], '31, 334.
- Description of a new tanager from Île à Vache, Haiti, '32, 36-37.
- A new warbler from Hispaniola (rev.), '32, 133.
- The sharp-tailed sparrows of Maryland, '32, 231.
- Early breeding of the eastern mourning dove in Virginia, '32, 350-351.
- Additional notes on the birds of Haiti and the Dominican Republic (rev.), '34, 271.
- Wetmore, A., and Murray, J. J.**
- The Mississippi song sparrow in Virginia, '36, 93.
- Southern winter wren in Virginia, '37, 540-541.
- Wetmore, A., and Swales, B. H.**
- The birds of Haiti and the Dominican Republic (rev.), '31, 451-452.
- Wetmore, A., and Swann, H. K.**
- see Swann and Wetmore.
- Wetmore, P. W., and Morley, L. C.**
- see Morley and Wetmore.
- wetmorei* (Mycteria), see *Mycteria*.
- (Otus), see *Otus*.
- (Tephrophilus), see *Tephrophilus*.
- Wever, Ernest Glen, and Bray, C. W.**
- Hearing in the pigeon as studied by the electrical responses of the inner ear (rev.), '37, 423.
- Weydemeyer, Winton.**
- The bronzed grackle in Lincoln County, Montana, '32, 228.
- Western field sparrow in northwestern Montana, '32, 231-232.

- Notes on the food of grebes, '32, 456.
 A pintail winters in Montana, '32, 461.
 Migration dates for the snow bunting in Montana, '32, 491-492.
 Occurrence and nesting of the redhead, in Montana, '33, 210-211.
 Nesting of the rough-winged swallow in Montana, '33, 362-363.
 The hoary redpoll in Montana, '33, 365.
 Singing of the tree swallow, '34, 86-87.
 The Calaveras warbler in Montana, '34, 89-90.
 Say's phoebe in western Montana, '34, 379-380.
 Further occurrence of the bronzed grackle in northwestern Montana, '34, 384.
 Western field sparrow again in northwestern Montana, '34, 531.
 Death of juvenile tree swallow due to over-feeding, '35, 188-189.
 Unusual records from Lincoln County, Montana, '35, 202-203.
 Concerning a probable incorrect record of *Empidonax hammondi* from northwestern Montana, '35, 453.
- Weygandt, Cornelius.**
 The Wissahickon Hills (rev.), '31, 136-138.
 A passing America (rev.), '33, 128-129.
 The White Hills (rev.), '34, 410-411.
weylandi (*Sericornis*), see *Sericornis*.
- Wharton, William Pickman.**
 Correction, '36, 222.
- Wharton-Tigar, N.**
 Notes from the London Zoo (rev.), '37, 423.
- Wheatear, European,** see *Oenanthe oenanthe*.
 Greenland, see *Oenanthe leucorhoa*.
- Wheeler, Leslie.**
 King eider taken on Illinois River, '37, 203.
 A new wood owl from Chile (rev.), '39, 361.
- Wheeler, Ruth.**
 Nesting habits of the leucosticte (rev.), '40, 595.
- Whimbrel,** see *Phaeopus phaeopus*.
Whinchat, see *Saxicola rubetra*.
Whip-bird, Eastern, see *Psophodes olivaceus*.
 Mallee Black-throated, see *Psophodes leucogaster*.
 Western, see *Psophodes nigrogularis*.
Whip-poor-will, see *Antrorstomus vociferus*.
 Eastern, see *Antrorstomus vociferus*.
- Whistler, Hugh.**
 Popular handbook of Indian birds (rev.), '35, 209.
- On seven recently described birds from the Punjab (rev.), '37, 112.
 [*Perdica argoondah meinertzhageni* subsp. nov.] (rev.), '38, 311.
 A new race of the pied shrike of India (rev.), '39, 501.
 New races of a tailor-bird and rosefinch from Ceylon and the Himalayas (rev.), '40, 277.
 Unusual plumage sequence in a passerine bird (rev.), '40, 440.
 The white-headed wagtail (*Motacilla flava leucocephala*) (rev.), '40, 595.
 A new bush-chat from India (rev.), '40, 595.
- Whistler, H., and Ali, S.**
 see Ali and Whistler.
- Whistler, H., and Kinnear, N. B.**
 The Vernay scientific survey of the eastern Ghats (rev.), '37, 570, '38, 311.
- Whistler, H., and Ticehurst, C. B.**
 see Ticehurst and Whistler.
- Whistler, Olive,** see *Pachycephala olivacea*.
whistleri (*Parus*), see *Parus*.
 — (*Sitta*), see *Sitta*.
- White, Charles Matthew Newton.**
 [On the cuckoo-shrike, *Coracina novae-hollandiae*] (rev.), '38, 699.
 1. The races of *Glossopsitta concinna* (Shaw). 2. The races of *Geopelia striata* in Australia (rev.), '38, 699.
 Notes on Australian birds (rev.), '39, 208.
 A contribution to the ornithology of Crete (rev.), '39, 208.
- White, Edward Francis Geoffrey, and Lewis, H. F.**
 The greater snow goose in Canada, '37, 440-444.
- White, Francis Beach.**
 Manners of Holboell's grebe in captivity, '31, 559-563.
 Birds and motor cars, '33, 236.
 Brewster's warbler (*Vermivora leucobronchialis*) in New Hampshire, '36, 450.
 Local notes on the birds at Concord, New Hampshire (rev.), '38, 296-297.
- White, George Whitney, 1870-1938.**
 Obituary, '39, 123.
- White, James Samuel.**
 Further notes on Brewer's blackbird (*Euphagus cyanocephalus*) breeding in northeastern Illinois, '35, 94.
- Whitehead, Fred E.**
 The effect of arsenic, as used in poisoning grasshoppers, upon birds (rev.), '35, 118-119.
 Whitehead, see *Mohoua albicilla*.

- whiteheadi** (Collocalia), see Collocalia.
 — (Otus), see Otus.
Whitethroat, see Sylvia communis.
Whitlock, F. Lawson.
 A new petrel of the genus Puffinus (rev.), '38, 584.
whitneyi (Cichlornis), see Cichlornis.
 — (Micropallas), see Micropallas.
Whittemore, Wendell L.
 Summer birds of Reelfoot Lake (rev.), '37, 423.
Whittle, Charles Livy.
 Mock courtship display by female ring-necked pheasants, '32, 464-465.
Whydah, Paradise, see Steganura paradisaea.
 Pintail, see Vidua principalis.
 Pin-tailed, see Vidua macroura.
Wickliff, E. L., **Trautman**, M. B., and **Bills**, W. E.
 see Trautman, Bills and Wickliff.
Widgeon, see Mareca americana.
 Cape, see Nettion capense.
 Chiloé, see Mareca sibilatrix.
 European, see Mareca penelope.
Widmann, Otto, 1841-1933.
 [Celebrates his ninetieth birthday], '31, 649.
 Obituary, '34, 130, '35, 66.
Wieggers, Claude R., **Hudson**, G. E., and **Morrison**, J. L.
 First record of starling (Sturnus vulgaris) for Nebraska, '33, 221-222.
Wight, Howard Marshall.
 Quantitative methods in upland game bird investigation, '31, 553-558.
Wilcox, LeRoy, and **Hickey**, J. J.
 see Hickey and Wilcox.
Wild Life Conference.
 [At Washington, D. C., Feb. 3-7, 1936], '36, 259.
Wilder, George Durand.
 see Shaw, T.-H., 'The birds of Hopei Province' (rev.), '38, 291-293.
Wilder, G. D., and **Hubbard**, H. W.
 Birds of northeastern China (rev.), '39, 91.
Willard, Francis Cottle, 1874-1930.
 Obituary, '31, 86.
Willet, see Catoptrophorus inornatus and C. semipalmatus.
 Eastern, see Catoptrophorus semipalmatus.
 Western, see Catoptrophorus inornatus.
Willett, George.
 Third ten-year index to The Condor, 1919-1928 (rev.), '31, 455.
 A revised list of the birds of southwestern California (rev.), '34, 266-267.
Willett, G., and **Howard**, Hildegard.
 Characters differentiating certain species of Stercorarius (rev.), '34, 552.
 willetti (Spizaetus), see Spizaetus.
 willaminae (Lophoceros), see Lophoceros.
Williams, Arthur Baldwin.
 The composition and dynamics of a beech-maple climax community (rev.), '37, 112.
 Red-eyed vireo captures food under water, '40, 114.
 Acadian flycatcher flies backwards, '40, 255.
Williams, Carrington Bonsar.
 The migration of butterflies (rev.), '31, 298-299.
 Trinidad birds. Notes on the food and habits of some Trinidad birds (rev.), '31, 449-451.
Williams, Cecil Sloan, and **Cottam**, C.
 see Cottam and Williams.
Williams, C. S., **Cottam**, C., and **Nelson**, A. L.
 see Cottam, Nelson and Williams.
Williams, C. S., and **Trowbridge**, A. H.
 Wilson's phalarope host of Nevada cowbird, '39, 77.
Williams, Ellison Adger.
 Swainson's warbler in the North Carolina mountains, '35, 458.
 Black-necked stilt nesting in South Carolina, '39, 76-77.
Williams, George Guion.
 Notes on waterbirds of the upper Texas coast, '38, 62-70.
Williams, Henry Smith.
 Nest building—new style (rev.), '34, 547.
Williams, John Raynesford.
 Kingbird (Tyrannus tyrannus) attacks airplane, '35, 89.
Williams, Laidlaw Onderdonk.
 Concerning the nesting status of certain birds at Princeton, N. J., '33, 229-230.
Williams, L. O., **Fry**, G. G., **Kuser**, C. D., and **Church**, C.
 see Fry, Kuser, Church and Williams.
Williamson, Edward Bruce, 1877-1933.
 Obituary, '34, 70, 134.
 Willie-wagtail, see Rhipidura leucophrys.
Wilson, Alexander, 1766-1813.
 [Letters relating to], '31, 175-180.
 [Portrait for sale], '36, 130.
Wilson, (Mrs.) Etta Smith, 1857-1936.
 Tameness of saw-whet owl (Cryptoglaux acadica acadica), '31, 266-267.
 Personal recollections of the passenger pigeon, '34, 157-168.

- Additional notes on the passenger pigeon, '35, 412-413.
 Obituary, '36, 373-374, '37, 126.
- Wilson, Hugh.**
 Notes on the night parrot, with references to recent occurrences (rev.), '38, 584.
- Wilson, Irl Donaker.**
 An early report of lead poisoning in waterfowl (rev.), '38, 311.
- Wilson, Kenneth Alden.**
 Owl studies at Ann Arbor, Michigan, '38, 187-197.
- Wilson Ornithological Club.**
 [Present status] (rev.), '39, 358.
 [History] (rev.), '39, 360.
- Wilsonia canadensis** (*Canada Warbler), Ala. '32, 106, '38, 283*; Conn. '34, 526; Ga. '31, 616*; Kans. '35, 466; N. Y. '31, 278*; Tex. '35, 99.—*feather count*, '36, 163*, 168*; *nest*, '34, 526.
citrina (*Hooded Warbler), Ala. '38, 283*; Fla. '35, 463*, '36, 479*; Ky. '35, 465; Mass. '32, 102; Mich. '36, 374; O. '31, 128, '34, 386*, '36, 228*; W. Va. '34, 396.—*blood*, '37, 518; *cowbird host*, '34, 386*; *hbt.* '36, 479*; *nest*, '31, 128; *song*, '35, 40-52*, '38, 267*; *ter.* '37, 112*.
- pileolata* (*Northern Pileolated Warbler), Mex. '40, 242; Utah, '38, 303*.—*fd.* '38, 303*.
- pusilla* (*Wilson's Warbler, ^bSylvia, ^cpetasodes), Ala. '38, 283*; Alta. '38, 48; Ark. '36, 456; Conn. '32, 355*; Fla. '39, 192-193; Ga. '34, 383; Labr. '31, 129*; Me. '37, 308*; Mex. '40, 242; N. C. '34, 397; S. C. '33, 223; Va. '31, 226.—*cowbird host*, '38, 46, 48; *tax.* '34, 548^{be}.
- wilsonia (Pagolla), see Pagolla.
 wilsonianus (Asio), see Asio.
- Wiman, Carl.**
 On supernumerary metapodials in Aepyornis, the Moas, and some other birds (rev.), '38, 311-312.
- wimani (Struthio), see Struthio.
- Wimsatt, William Abell.**
 Black vulture and duck hawk nesting in Maryland, '39, 181-182.
 Homing instinct and prolificacy in the duck hawk, '40, 107-109.
 Early nesting of the duck hawk in Maryland, '40, 109.
- Wing, Leonard William.**
 Notes from Jackson County, Michigan, '31, 131-133.
 Some additional notes from Michigan, '31, 618.
 [Obituary of] Albert Hartson Boies, '32, 271.
- Migration and solar cycles, '34, 302-305.
 The raven (Corvus corax subspecies) in Dane County, Wisconsin, and a note on its food habits, '35, 455.
 Correction, '36, 101.
 Porcupine quills kill raven, '36, 218-219.
 Albino chimney swift, '38, 280.
 Birds of the Upper Peninsula of Michigan (rev.), '40, 595.
- Wing, L. W., and Wing, Anne Hinshaw.**
 Food consumption of a sparrow hawk (rev.), '40, 133.
- Wing Areas.**
 Poole, E. L., '38, 511-517.
- Winterbottom, John Miall.**
 Distributional and other notes on some northern Rhodesian birds (rev.), '37, 112.
 Further notes on some northern Rhodesian birds (rev.), '38, 699.
- Wisconsin.**
 Black, C. T., '35, 90, 451-452.
 Buss, I. O., and Hawkins, A. S., '40, 270 (rev.).
 Dettmann, W., '37, 98-99.
 Deusing, M., '38, 529, '39, 367-373, '40, 126 (rev.).
 Eifrig, C. W. G., '33, 442.
 Elder, W. H., '35, 309-310.
 Errington, P. L., '39, 170-173.
 Flory, C. M., '34, 511.
 Ford, E. R., '36, 79, 83.
 Ford, E. R., et al., '34, 545 (rev.).
 Franzen, A. J., '34, 402-403.
 Gromme, O. J., '31, 416, '34, 37-38, 367, '35, 15-20, 81, 86-87, 101-102, '36, 324-325, '38, 273-274, 543-544.
 Gross, A. O., '31, 296-297 (rev.), 511.
 Hamerstrom, F. N., Jr., '39, 355 (rev.), 495 (rev.).
 Harris, A. T., '39, 355 (rev.).
 Johnson, Mabel P., '40, 272 (rev.).
 Jones, S. P., '38, 666.
 Jung, C. S., '32, 468, '35, 87, '36, 340-341.
 Main, J. S., '32, 82-83, '35, 323, '36, 212, '37, 546, '39, 471, '40, 424-425.
 Mueller, W. J., '34, 233, 538-539, '35, 90, '36, 447-448.
 Rogers, Mrs. W. E., '36, 229-230.
 Schorger, A. W., '31, 282-283, 603, 614-615, 627-628 (rev.), '32, 220, 493-494, '34, 254-255, 482-486, 533-534, '37, 392-393, '38, 307 (rev.), 531-532, 697 (rev.), '39, 86, 475, 483, '40, 118.
 Scott, W. E., '38, 668, 673, '40, 407-408, 566-567.
 Vosburg, G. W., '40, 132 (rev.).

- Wing, L. W., '35, 455, '36, 218.
 Zimmerman, F. R., '39, 186-187.
- Witherby, Harry Forbes.**
 Simultaneous loss of primaries in pre-nuptial moult of loon, '31, 105.
 [Habits of the Corsican nuthatch] (rev.), '38, 312.
 The influx of Bewick's and whooper swans, winter 1938-9 (rev.), '39, 501.
 Additions and alterations to the British list (rev.), '39, 501.
 The species of great shearwaters in the English Channel (rev.), '40, 440.
 Obituary. The Rev. F. C. R. Jourdain (rev.), '40, 440.
- Witherby, H. F., Jourdain, F. C. R., Ticehurst, N. F., and Tucker, B. W.**
 The handbook of British birds (rev.), vol. 1, '38, 559-560; vol. 2, '39, 196-197; vol. 3, '39, 485.
- Witherby, H. F., and Leach, E. P.**
 Movements of ringed birds from abroad to the British Isles and from the British Isles abroad (rev.), '40, 133.
- Witherby, H. F., and Ticehurst, N. F.**
 The continental redshank as a British bird (rev.), '40, 277.
- Witmer Stone Wild Life Sanctuary.**
 [Established], '36, 72.
- Witschi, Emil.**
 Effect of gonadotropic and oestrogenic hormones on regenerating feathers of weaver finches (*Pyromelana franciscana*) (rev.), '37, 570.
- Wodzicki, K., et al.**
 Untersuchungen über die Orientierung und Geschwindigkeit des Fluges bei Vögeln. V. Weitere Versuche an Störchen (rev.), '39, 361.
- Wolcott, Robert Henry, 1868-1934.**
 Obituary, '35, 66, 130-131.
- Wolfarth, Floyd.**
 Barrow's golden-eye in New Jersey, '39, 329-330.
- Wolfe, Linnie Marsh.**
 John of the mountains: the unpublished journals of John Muir (rev.), '38, 682-684.
- Wolfe, Lloyd Raymond.**
 Birds of central Luzon, '38, 198-224.
 A synopsis of North American birds of prey and their related forms in other countries (rev.), '39, 501.
 Eggs of the Falconiformes (rev.), '39, 501.
- Wolfson, Albert.**
 A preliminary report on some experiments on bird migration (rev.), '40, 440.
- wollweberi (*Aphelocoma*), see *Aphelocoma*.
- Wolstenholme, Harry, 1868-1930.**
 Obituary, '31, 70, 326.
- Wolters, H. E.**
 Zur Systematik der Astrilde (Gattung *Estrilda*) (rev.), '39, 501.
 wondiwoi (*Aegothetes*), see *Aegothetes*.
 — (*Sericornis*), see *Sericornis*.
- Wood, Casey Albert.**
 An introduction to the literature of vertebrate zoology (rev.), '32, 114-116.
 [Obituary of] Donald Ryder Dickey, '32, 517-518.
- Wood, Harold Bacon.**
 [Obituary of] William Joseph Durborow, '32, 521.
 Black terns at Harrisburg, Pa., '33, 359.
 Flight speed of some birds, '33, 452-453.
 Color of the iris of the purple grackle, '34, 527-528.
 Double-crested cormorants at Harrisburg, Pa., '35, 300-301.
 A flight of common terns at Harrisburg, Pa., '35, 309.
 Migrational dates of purple martins, '35, 310-311.
 Snow geese at Harrisburg, Pa., '36, 208.
 Eastern snow bunting at Harrisburg, Pa., '36, 223.
 How far can a bird be seen?, '37, 96-97.
 Incubation period of Virginia rail, '37, 535-536.
 Red-backed sandpiper at Harrisburg, Pennsylvania, '38, 276.
 American scoter at Harrisburg, Pennsylvania, '39, 472.
 Eastern evening grosbeak at Harrisburg, Pennsylvania, '39, 481.
- Wood, H. B., and Wood, M.**
 A Pennsylvania black-crowned night heron colony, '33, 93-94.
 An influx of Leach's petrels, '34, 74.
- Wood, Merrill.**
 Intestinal parasites in sharp-shinned hawks, '31, 265-266.
 Eastern lark sparrow breeding in central Pennsylvania, '32, 98.
 Paired ovaries in hawks, '32, 463.
 Food and measurements of goshawks, '38, 123-124.
- Wood, Norman Asa.**
 Rare birds from Keweenaw County, Michigan, '31, 616-618.
 Harlan's hawk (rev.), '32, 508.
- Wood, N. A., and Tinker, A. D.**
 Fifty years of bird migration in the Ann Arbor region of Michigan (rev.), '34, 552.
- Wood Jones, Frederic.**

- The wanderings of albatrosses (rev.), '37, 112.
- The breeding of Prions on islands off the coast of Victoria (rev.), '37, 423.
- The olfactory organ of the Tubinares (rev.), '37, 571, '38, 157-158, 584.
- Wood-bird, Eastern Ochre-fronted, see *Halophilus saturatus*.
- Woodchat, see *Lanius pomeranus*.
- Woodcock**, Alfred Herbert.
- Observations on herring gull soaring, '40, 219-224.
- Woodcock, see *Philohela minor*.
- American, see *Philohela minor*.
- European, see *Scolopax rusticola*.
- Ivory-billed, see *Campephilus principalis*.
- woodfordi (Ciccaba), see Ciccaba.
- (Nesoclopeus), see *Nesoclopeus*.
- (Noctua), see Ciccaba.
- (Strix), see Ciccaba.
- Woodhewer, Barred, see *Dendrocolaptes sancti-thomae*.
- woodhousei (Aphelocoma), see *Aphelocoma*.
- woodi (Amazona), see Amazona.
- (Leonardina), see Leonardina.
- (Porzana), see Porzana.
- Woodpecker, American Three-toed, see *Picoides bacatus*.
- Ant-eating, see *Balanosphyra formicivora*.
- Arctic Three-toed, see *Picoides arcticus*.
- Batchelder's, see *Dryobates leucurus*.
- Black, see *Picus martius*.
- California, see *Balanosphyra bairdi*.
- Downy, see *Dryobates medianus*.
- Eastern Hairy, see *Dryobates villosus*.
- Gila, see *Centurus uropygialis*.
- Great Spotted, see *Dendrocopos major*.
- Greater Spotted, see *Dendrocopos pinetorum*.
- Green, see *Picus virescens*.
- Guadalupe, see *Colaptes rufipileus*.
- Hairy, see *Dryobates sanctorum* and *D. villosus*.
- Imperial, see *Campephilus imperialis*.
- Ivory-billed, see *Campephilus principalis*.
- Jardine's Hairy, see *Dryobates jardinii*.
- Lesser Spotted, see *Dryobates hortorum*.
- Lewis's, see *Asyndesmus lewis*.
- Mearns's, see *Balanosphyra aculeata*.
- Modoc, see *Dryobates orius*.
- Nelson's Downy, see *Dryobates nelsoni*.
- Newfoundland, see *Dryobates terrae-novae*.
- Northern Downy, see *Dryobates medianus*.
- Northern Hairy, see *Dryobates septentrionalis*.
- Northern Pileated, see *Ceophloeus abieticola*.
- Northern Yellow-fronted Pied, see *Leiopicus blanfordi*.
- Pileated, see *Ceophloeus pileatus*.
- Red-bellied, see *Centurus carolinus*.
- Red-cockaded, see *Dryobates borealis*.
- Red-headed, see *Melanerpes erythrocephalus*.
- Sierra, see *Dryobates orius*.
- Small Spotted, see *Dendrocopos minor*.
- Southern Downy, see *Dryobates pubescens*.
- Southern Hairy, see *Dryobates auduboni*.
- Southern White-headed, see *Dryobates gravirostris*.
- Strickland's Hairy, see *Dryobates stricklandi*.
- Three-toed, see *Picoides tridactylus*.
- Truxillo, see *Centurus pauper*.
- Western Pileated, see *Ceophloeus picinus*.
- White-backed, see *Dendrocopus leucotus*.
- White-billed Pileated, see *Ceophloeus similis*.
- White-breasted, see *Dryobates leucothorectis*.
- Wood-rail, Saracura, see *Aramides saracura*.
- Woods**, Robert S.
- A sun-bathing hummingbird, '32, 221-222.
- Woodward**, Lemuel Fox, 1857-1931.
- Obituary, '34, 70, 131-132, 289.
- Worley**, Leonard G., Baldwin, S. P., and Oberholser, H. C.
- see Baldwin, Oberholser and Worley.
- Worobiev**, Constantine Alexandrovich, and Ognev, S. I.
- see Ognev and Worobiev.
- Wortelaers**, Florent.
- Quelques considerations comparatives sur l'épervier et le faucon hobereau (rev.), '40, 133.
- Worth**, Charles Brooke.
- Purple gallinule (Isonornis martinica) in Pennsylvania, '34, 519.
- The golden plover near Philadelphia, Pa., '35, 80.
- Behavior of the yellow-billed tropicbird, '35, 442.
- Nesting of Salvin's barbet, '38, 535-536.
- Arkansas kingbird in Florida, '38, 536.
- Nesting of the pepper-shrike, '38, 539-540.

- A robin's nest containing eight eggs, '38, 674.
 An orgy of ants, '38, 679-680.
 Nesting of some Panamanian birds, '39, 306-310.
 Snow goose at Reading, Pennsylvania, '39, 329.
 Egg volumes and incubation periods, '40, 44-60.
 worthi (Catharus), see Catharus.
Worthington, Willis Woodford.
 [Receives testimonial from Biological Survey], '31, 333.
 woznesenskii (Xema), see Xema.
Wrangell, Island.
 Snyder, L. L., '35, 468-469.
 Wren, Banded, see *Thryophilus pleurostictus*.
 Banded Cactus, see *Heleodytes zonatus*.
 Bar-throated, see *Thryothorus rutilus*.
 Berlandier's Carolina, see *Thryothorus berlandieri*.
 Bewick's, see *Thryomanes bewicki*.
 Black-billed, see *Pheugopedius albigularis*.
 Brown-throated, see *Troglodytes brunneicollis*.
 Burleigh's Carolina, see *Thryothorus burleighi*.
 Cactus, see *Heleodytes couesi*.
 Carolina, see *Thryothorus ludovicianus*.
 Chestnut-backed, see *Thryophilus castanonotus*.
 Chiapas, see *Thryophilus pullus*.
 Chiapas Cactus, see *Heleodytes chiapensis*.
 Durango, see *Pheugopedius pallidus*.
 Eastern House, see *Troglodytes aëdon*.
 Eastern Winter, see *Nannus hyemalis*.
 Elfin, see *Ryania melanocephala*.
 Florida, see *Thryothorus miamensis*.
 Galbraith's, see *Thryophilus galbraithi*.
 Gray-crowned Wood, see *Henicorhina leucophrys*.
 Heath, see *Hylacola pyrrhopygia*.
 Hooded Cactus, see *Heleodytes capistratus*.
 House, see *Troglodytes aëdon*, *T. musculus* and *T. parkmani*.
 Irazú, see *Troglodytes ochraceus*.
 Lawrence's Musician, see *Leucolepis lawrencii*.
 Lomita, see *Thryothorus lomitensis*.
 Long-billed Marsh, see *Telmatodytes dissaëptus* and *T. palustris*.
 Louisiana Marsh, see *Telmatodytes thryophilus*.
 Mexican Wood, see *Henicorhina mexicana*.
 Musician, see *Leucolepis lawrencii*.
 North China, see *Nannus idius*.
 Northern Cactus, see *Heleodytes couesi*.
 Northern Carolina, see *Thryothorus ludovicianus*.
 Oberholser's Carolina, see *Thryothorus oberholseri*.
 Ohio House, see *Troglodytes baldwini*.
 Prairie Marsh, see *Telmatodytes dissaëptus*.
 Red-backed, see *Malurus melanocephalus*.
 Red-winged, see *Malurus elegans*.
 River, see *Thryophilus semibadius*.
 Rock, see *Salpinctes obsoletus*.
 Rufous-browed, see *Troglodytes rufociliatus*.
 Short-billed Marsh, see *Cistothorus stellaris*.
 Southeastern Carolina, see *Thryothorus euronotus*.
 Southern Carolina, see *Thryothorus ludovicianus*.
 Southern Winter, see *Nannus pullus*.
 Spotted-breasted, see *Pheugopedius maculipectus*.
 Tawny-bellied, see *Pheugopedius hyperythrus*.
 Trinidad, see *Troglodytes clarus*.
 Tule, see *Telmatodytes paludicola*.
 Uruguay House, see *Troglodytes bonariae*.
 Variegated, see *Malurus lamberti*.
 Wayne's Marsh, see *Telmatodytes waynei*.
 Western House, see *Troglodytes parkmani*.
 Western Winter, see *Nannus pacificus*.
 White-faced Marsh, see *Heleodytes albicilius*.
 Winter, see *Nannus hyemalis*.
 Wood, see *Henicorhina prosthaleuca*.
 Worthington's Marsh, see *Telmatodytes griseus*.
 Wren-tit, Gambel's, see *Chamaea fasciata*.
 Pallid, see *Chamaea henshawi*.
Wright, Earl Grover, and **Bailey**, A. M.
 Two species of birds new to Louisiana, '31, 123.
 At home with the birds (rev.), '35, 112.
Wright, Frank Smith, 1858-1939.
 Obituary, '40, 149.
Wright, George Melendez, 1904-1936.
 Obituary, '36, 256-257, '37, 126.
Wright, G. M., **Dixon**, J. S., and **Thompson**, B. H.
 Fauna of the national parks of the United States (rev.), '33, 377-378.
Wright, G. M., and **Thompson**, B. H.

- Wild life management in the national parks (rev.), '35, 476-477.
- Wright**, Mabel Osgood (Mrs. James Osborne Wright), 1859-1934. Obituary, '34, 564-565, '35, 66.
- Wright**, Philip Lincoln. Records from the Isles of Shoals, '37, 546-547.
- wrighti (Empidonax), see Empidonax.
- Wryneck, see Jynx torquilla.
- würdemanni (Ardea), see Ardea.
- Wurm**, Moses, Noble, G. K., and Schmidt, A. see Noble, Wurm and Schmidt.
- wuroi (Myiolestes), see Myiolestes.
- (Sericornis), see Sericornis.
- wymani (Larus), see Larus.
- Wynne-Edwards**, Vero Copner. Marbled godwit near Montreal, '32, 468.
- Brünnich's murres (Uria l. lomvia) feeding in fresh water, '33, 360-361.
- Inheritance of egg-colour in the parasitic cuckoos (rev.), '35, 121.
- On the habits and distribution of birds of the North Atlantic (rev.), '35, 206-207.
- Sea-birds at Percé, Province of Quebec (rev.), '38, 158.
- Sea-birds at Percé and the Gaspé Peninsula (rev.), '40, 133.
- Intermittent breeding of the fulmar (Fulmarus glacialis (L.)), with some general observations on non-breeding in sea-birds (rev.), '40, 133.
- Wynne-Edwards**, V. C., et al. Notes on birds (rev.), '39, 209.
- Wyoming**. Baumgartner, F. M., '34, 537-538.
- Brodkorb, P., and Hinshaw, T. D., '38, 554.
- Fuller, A. B., and Bole, B. P., Jr., '31, 146-147 (rev.).
- Lewis, H. F., '31, 210.
- McCreary, O., '34, 255-256.
- Murie, A., '33, 111.
- Rogers, C. H., '32, 91-92.
- Simon, J. R., '40, 467-471.
- Wetmore, A., '38, 583 (rev.).
- Wythe**, Margaret Wilhelmina. The white-throated sparrow in western North America (rev.), '38, 699.
- X**
- Xanthocephalus**, plm. '38, 657.
- xanthocephalus** (*Yellow-headed Blackbird), Fla. '31, 437, '33, 370; Ind. '38, 278^a; Ia. '37, 202, '39, 36; Mass. '37, 211; Mex. '35, 424^a; Mich. '40, 157; Minn. '37, 220^a; Mont. '36, 230^a; N. Y. '33, 446; O. '34, 527; Okla. '38, 506; Tex. '35, 99; Va. '33, 192^a, 198.— feather count, '37, 202, song, '38, 267^a; misc. '36, 58^a, 64^a, '37, 160^a.
- xantholaema (Amazona), see Amazona.
- xanthomaschalis (Fringilla), see Hedy-meles melanocephalus.
- Xanthomyias virescens**, Braz. '33, 324.
- xanthops (Amazona), see Amazona.
- (Psittacus), see Amazona.
- Xanthopygia elisae** (*Elise's Flycatcher), China, '38, 292^a.
- xanthopygia** (*Tricolor Flycatcher), tax. '38, 292^a.
- xanthopygos (Pycnonotus), see Pycnonotus.
- Xanthotis lepidota**, N. Guinea, '35, 350.
- Xanthoura centralis**, Guat. '35, 208.
- cozumelae**, Cozumel I. '35, 208.
- glaucescens** (Green Jay), Tex. '39, 88, 163-164.—fd. '39, 163-164.
- luxuosa**, Mex. '39, 174.—tax. '35, 105-106.
- speciosa**, Mex. '37, 197.
- vidua**, Mex. '37, 197.
- xantippe (Automolus), see Automolus.
- xantusi (Megascops), see Otus.
- (Otus), see Otus.
- Xema palaeartica**, Asia, '34, 277.
- sabini** (*Sabine's Gull), Baf. I. '40, 14^a, 19^a, 20^a; Calif. '36, 374^a; Colo. '37, 526; N. Y. '37, 101.—plm. '37, 101-102; misc. '40, 403^a.
- tschuktschorum**, Alas., Sib., '39, 499.
- wornesenskii**, Alas., '39, 499.
- xenia (Treron), see Treron.
- Xenicopsoides idoneus**, C. R., Hond., '37, 195.—plm., tax., '37, 195.
- variegaticeps**, Guat., Mex., '37, 195.
- Xenotistes ruficrissa**, Peru, '31, 149.
- Xenodacnis bella**, Peru, '40, 269.
- petersi**, Peru, '40, 269.
- Xenonetta nesiotis** (Campbell Island Duck, ^bZenonetta), Campbell I. '35, 479, '36, 459.—nomen. '36, 459^b.
- Xenops minutus**, Braz. '33, 323.
- septentrionalis**, C. R. '33, 300.
- xenopterus (Laterallus), see Laterallus.
- Xenorhynchus asiaticus** (Black-necked Stork), nid. '35, 475.
- Xenospiza baileyi**, Mex. '32, 128, '35, 339, 423.
- Xenotriccus**, Guat. '38, 663.
- Xenus cinereus** (^bTerekia), Russ. '39, 102^b.—nest, '39, 102^b.
- xerophila (Montifringilla), see Montifringilla.
- xerophilus (Amphispiza), see Amphispiza.
- Xiphirhynchus rothschildi**, Tonkin, '31, 156.

- Xiphocolaptes costaricensis*, *misc.* '37, 196.
emigrans, *misc.* '37, 196.
omiltemensis, *Mex.* '37, 196.
Xipholena pallidior, *Braz.* '37, 562.
Xiphorhynchus erythropygius, *Mex.* '37, 196.—*dist.*, *meas.*, '37, 196–197.
flavigaster, *Hond.* '36, 191.—*colors*, '36, 191.
grandis, *Chiriqui*, '36, 232.
hylodromus, *Venez.* '39, 501.
insolitus, *dist.* '37, 197.
parvus, *Hond.* '37, 196*.—*meas.*, *plm.*, '37, 196–197.
punctigula, *dist.*, *meas.*, *plm.*, '37, 196–197.
Xylocopus neglectus, *Ural Mts.*, '38, 136.

Y

- yairocho* (Pitta), see Pitta.
yalensis (Campethera), see Campethera.
Yamashina, Marquis.
 A new genus of the owl (rev.), '38, 699.
 A new race of skylark from south Kiusiu (rev.), '39, 501.
 A new subspecies of Troglodytes troglodytes from the Borodino Islands (rev.), '40, 133.
 On the stomach contents of the Manchurian birds (rev.), '40, 133.
 Notes on the specimens of Manchurian birds chiefly made by Mr. Hyojiro Orii in 1935 (rev.), '40, 440–441.
Yamashina, Marquis, et al.
 Birds of Jehol (rev.), '35, 476.
yarrelli (Myrtis), see Myrtis.
Yeates, G. K.
 The life of the rook (rev.), '35, 209–210.
Yeatter, Ralph Emerson.
 The Hungarian partridge in the Great Lakes region (rev.), '35, 216.
yelkouan (Puffinus), see Puffinus.
Yellow-hammer, see *Colaptes auratus* and *Emberiza citrinella*.
Yellow-legs, Greater, see *Totanus melanoleucus*.
 Lesser, see *Totanus flavipes*.
Yellowstone National Park.
 Skinner, M. P., '31, 601.
Yellow-throat, Brazilian, see *Geothlypis velatus*.
 Florida, see *Geothlypis ignota*.
 Hooded, see *Geothlypis nelsoni*.
 Maryland, see *Geothlypis trichas*.
 Northern, see *Geothlypis brachidactyla*.
 Salt Marsh, see *Geothlypis sinuosa*.
 Tule, see *Geothlypis scirpicola*.
 Western, see *Geothlypis occidentalis*.
yessupi (Grallaria), see Grallaria.

- (Hylophylax), see Hylophylax.
Young, Charles John.
 Further notes on the birds of the Magdalene Islands, '31, 240–246.
Youngworth, William.
 Field notes from Sioux City, Iowa, '32, 494, '33, 124.
 American magpies in migration in Woodbury County (rev.), '40, 441.
yucatanensis (Zenaidura), see Zenaidura.
yucatanica (Cissilopha), see Cissilopha.
Yuhina flavicollis, *misc.* '38, 570.
rogersi, *Siam*, '38, 570.
yukonensis (Bonasa), see Bonasa.
Yungipicus kurodai, *nomen.* '33, 146.
nagamichii, *nomen.* '33, 146.
yunnanensis (Picus), see *P. setschuanus*.

Z

- zaleptus* (Baeolophus), see Baeolophus.
zanzibaricus (Eurillas), see Eurillas.
 — (Poicephalus), see Poicephalus.
 — (Tauraco), see Tauraco.
 — (Turacus), see Tauraco.
Zapornia watersi, *tax.* '34, 423.
Zarhynchus ridgwayi, *C. R.* '35, 208.
wagleri (*Oropendola, Wagler's Oropendola), *Pan.* '38, 405*.—*hbt.* '39, 266, 271; *misc.* '35, 259.
Zeafulix, *tax.* '38, 151.
zeledoni (Cochlearius), see Cochlearius.
 — (Cyanocorax), see Cyanocorax.
Zenaida, *tax.* '35, 122.
aurita (Zenaida Dove), *Antigua*, '34, 361, '39, 305.—*fd.* '34, 361; *tax.* '35, 122.
zenaida (*Zenaida Dove), *Antigua*, '39, 305; *Fla.* '31, 247*, '37, 574* (record withdrawn); *P. R.* '36, 350, '38, 54; *V. I.* '38, 553.
Zenaidura, *Cuba*, '40, 189.—*hbt.* '40, 176, 178.
auriculata (^bZenaida), *Braz.* '36, 250^b.—*tax.* '33, 460^b.
carolinensis (*Eastern Mourning Dove, Mourning Dove, ^bmacroura), *Atlantic*, '31, 133; *Ark.* '31, 236; *Cuba*, '33, 218, '37, 391; *Fla.* '33, 218, '36, 479*, 480*, '37, 391; *Ill.* '32, 351, '34, 538*; *Ia.* '36, 334*; *Kans.* '34, 538*; *Me.* '35, 460; *Mass.* '35, 189; *Mich.* '38, 198*; *Mo.* '38, 142*; *N. F.* '40, 415^b; *N. J.* '36, 401*; *O.* '31, 265, 368, 622, '32, 350*, '34, 386*, '38, 46, 95–96; *Ont.* '39, 16, 18*; *Pa.* '39, 337–338^b; *S. C.* '36, 312, 480*; *Va.* '32, 350; *Wisc.* '38, 531*.—*band.* '33, 218, '37, 391; *behav.* '39, 338^b; *cowbird host*, '34, 386*, '38, 46; *ecol.* '40, 113; *egg.* '40, 45*, 57*; *feather count*, '36, 165*, 166*; *flight*, '33, 452*; *hbt.* '36, 127*, 312, 479*, 480*, '38,

- 95-96; *incub.* '40, 57^a, 58^a; *mig.* '33, 284-296, '35, 189, '39, 16; *nid.* '31, 265, 622, '32, 350^a, 350-351, '38, 95-96, '39, 337-338^b; *physiol.* '33, 284-296; *wt.* '36, 161^a, 162^a, '38, 422-424^a, 427^a, 438, 439^b, 516; *wing area.* '38, 516; *misc.* '31, 543^a, '35, 421^a, '36, 237^a, 241^a, '38, 466^a, '39, 348^a.
- macroura** (*Cuban Mourning Dove), *Cuba.* '36, 436^a; *P. R.* '36, 350.—*behav.* '40, 173; *feather count.* '38, 654, 655; *nid.* '40, 212; *wt.* '38, 654, 655.
- marginella** (*Western Mourning Dove, Mourning Dove), *Alas.* '31, 265; *Aris.* '39, 321^a, 322; *Calif.* '35, 428; *Mex.* '33, 218, '35, 421^a, '40, 237; *Minn.* '39, 98^a; *Tex.* '39, 98^a, 200^a; *Wyo.* '34, 538^a.—*band.* '33, 218, '39, 98^a; *dist.* '35, 428; *egg.* '40, 45^a; *flight.* '33, 315^a; *paras.* '39, 190^a, 200^a; *misc.* '35, 421^a.
- yucatanensis**, *tax.* '35, 122.
- zervasi** (Garrulus), see Garrulus.
- Zesarkaca**, *tax.* '38, 151.
- zetarius** (Rallus), see Rallus.
- Ziegler, G. M., and Weiss, H. B.** see Weiss and Ziegler.
- Zimmer, Franz.**
Chlorophoneus nigrifrons nigrifrons Rchw. = *Chlorophoneus rubiginosus münzneri* Rchw. (rev.), '39, 501.
- Zimmer, John Todd.**
Birds of the Marshall Field Peruvian Expedition, 1922-1923 (rev.), '31, 294.
Studies of Peruvian birds (rev.), '32, 133, 260, 503, '33, 250, 460, '34, 419, '35, 216, 480, '36, 471, '37, 230, '38, 312, '39, 110, '40, 277-278, 595.
The Central American forms of the musician wren, Cyphorhinus lawrencii Lawrence (rev.), '33, 250.
 see Stone, W., and Roberts, H. R., 'Zoological results of the Matto Grosso Expedition to Brazil in 1931, —III. Birds' (rev.), '35, 110-111.
Diagnoses of new species and subspecies of Furnariidae from Peru and other parts of South America (rev.), '36, 117.
Notes on migrations of South American birds, '38, 405-410.
A new genus and species of Mexican flycatcher, '38, 663-665.
A new form of Crypturellus noctivagus (rev.), '39, 110.
Second specimen of Aechmolophus mexicanus, '39, 189.
- Zimmer, Karl.**
Methoden zur Messung der Atemfrequenz bei Vögeln (rev.), '38, 584.
- Zimmer, K., and Stolpe, M.**
 see Stolpe and Zimmer.
- zimmeri** (Leucopternis), see Leucopternis.
- Zimmerman, Fred Robert.**
Perching habit of the black tern, '39, 186-187.
- zimmermanni** (Picus), see Picus.
- Zonaeginthus oculatus** (Red-eared Fire-tail), *misc.* '34, 121.
- zonaris** (Streptoprocne), see *S. mexicana*.
- zonatus** (Heleodytes), see Heleodytes.
- Zonotrichia**, *misc.* '33, 86, '37, 500.
- albicollis** (*White-throated Sparrow), *Ark.* '31, 238; *Atlantic.* '31, 133, '32, 99^a; *Fla.* '31, 252, '34, 97; *G. Br.* '38, 560^a; *Me.* '37, 431^a; *Man.* '32, 168; *Mass.* '32, 233, 360^a; *N. F.* '36, 345; *N. H.* '32, 358^a, '34, 392, '36, 94; *N. C.* '35, 460^a; *O.* '33, 448, '37, 326; *Ont.* '39, 18; *Que.* '31, 243^a, '37, 39; *S. C.* '36, 119^a; *Va.* '31, 274.—*blood.* '37, 518; *dist.* '38, 699^a; *feather count.* '36, 163-165^a, 169^a; *nest.* '33, 448; *song.* '38, 620^a; *wt.* '37, 326, 329, '38, 423-424^a, 429^a, 433^a, 436, 437, 446^a, 448^a, 452^a, 454-455^a, 457-458^a, 515; *wing area.* '38, 515; *misc.* '31, 542^a, 544^a, '36, 93^a, 222^a, 387^a.
- capensis**, *syst.* '31, 305; *misc.* '32, 246.
- coronata** (*Golden-crowned Sparrow), *Calif.* '35, 429; *Ill.* '36, 223; *Mass.* '36, 223; *Utah.* '36, 232; *Wisc.* '36, 223.—*dist.* '35, 429; *eye.* '38, 242^a; *hyb.* '40, 274; *plm.* '34, 117^a; *wt.* '34, 551^a, '37, 330, '38, 425, 432^a, 448^a, 452^a; *misc.* '31, 544^a, '37, 332^a, '38, 465^a, '39, 211^a.
- gambeli** (*Gambel's Sparrow), *Aris.* '36, 298; *Ill.* '35, 465; *Man.* '31, 168, '35, 204; *Mex.* '35, 256; *Mich.* '31, 132, 617, '36, 455; *O.* '33, 443, '35, 323, '37, 326; *Okla.* '38, 508; *Tenn.* '34, 245, '38, 575^a; *Tex.* '36, 92^a; *Utah.* '38, 303^a; *Wisc.* '31, 283, '32, 494.—*band.* '33, 443, '34, 245, '38, 575^a; *fd.* '38, 303^a; *wt.* '35, 204, '37, 326.
- leucophrys** (*White-crowned Sparrow), *Alta.* '31, 263^a, '38, 50; *Calif.* '35, 429; *Fla.* '40, 422; *Ga.* '40, 589^a; *Labr.* '37, 38; *N. S.* '38, 550; *O.* '37, 326; *Ont.* '39, 18; *Tenn.* '38, 575^a; *Wisc.* '32, 494.—*band.* '38, 575^a; *cowbird host.* '38, 49-50; *dist.* '35, 429; *eye.* '38, 242^a; *hbt.* '40, 177^a; *hyb.* '40, 274; *meas.* '37, 38; *paras.* '37, 42; *wt.* '37, 38, 326, 328^a, '38, 423^a, 429^a, 433^a, 438, 439, 446^a; *misc.* '33, 236, '36, 93^a.
- nuttalli** (*Nuttall's Sparrow), *B. C.* '38, 573.—*alb.* '38, 573; *paras.* '39, 190^a; *misc.* '36, 472.

- querula* ("Harris's Sparrow), *Ill.* '40, 258; *Ind.* '33, 225; *Man.* '32, 166, '35, 204; *Mass.* '36, 92; *Mich.* '31, 617, '32, 358, '36, 341-342; *Mont.* '36, 231^a; *Tenn.* '34, 245; *Wyo.* '34, 256.—*band.* '32, 358, '34, 245, '40, 258; *egg.* '32, 181; *fd.* '32, 179, '40, 258; *hbt.* '32, 166-183; *mg.* '34, 256; *nest.* '32, 174; *pl.* '32, 166, 168, 170; *plm.* '36, 92; *song.* '32, 172; *wt.* '35, 204; *wt. of egg.* '35, 204.
- Zoothera atrata*, *Indo-China*, '39, 494.
- Zosteropidae*, *myol.* '38, 644, 645.
- Zosterops*, *hbt.* '38, 219.
- annulosa*, *myol.* '38, 644, 646, 647.
- efatensis*, *N. Hebrides*, '38, 151.
- gregaria*, *Sattelberg*, '33, 384.
- halmaturina* ("Silver-eye), *N. Z.* '34, 492.—*misc.* '36, 364^a.
- macmillani*, *N. Hebrides*, '38, 151.
- mayeni* (Mayen's Silver-eye), *P. I.* '38, 222.—*hbt., nid.*, '38, 222.
- quanzae*, *Angola*, '32, 376.
- sarmentica*, *Tanganyika*, '32, 128.
- silvanus*, *Kenya*, '35, 342, '36, 240.
- tenuifrons*, *N. Guinea*, '34, 268.
- Zosterornis dennistouni*, *P. I.* '36, 108.
- Zotta*, *Angel.*
- Sobre el contenido estomacal de aves Argentinas (rev.), '37, 230.
- Una nueva subespecie de pecho colorado, *Pezites militaris catamarcanus*, subsp. nov. (rev.), '38, 584.
- Notas ornitologicas (rev.), '38, 584.
- Nuevas adiciones a la avifauna Argentina (rev.), '39, 110.
- Zotta*, A., and da *Fonseca*, S.
- Sinopsis de los Ciconiiformes Argentinos (rev.), '37, 231, '38, 584.
- zugmayeri* (*Corvus*), see *Corvus*.
- Zujko*, Alphonse John, and *Bissonnette*, T. H.
- see *Bissonnette* and *Zujko*.

